levelone

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NETWORKING

N300 Wireless Router
WBR-6013

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Auto Channel Selection for low interference band
- Simple wireless connectivity and security with WPS push button
- Provides up to 4 SSIDs to separate network traffic and enhance security
- Client isolation allows strict control of access to wireless devices on the network

AC1200 Dual Band Wireless Gigabit Router
WGR-8031

- Share your wireless network up to 1200Mbps
- Compatible with IEEE 802.11a/b/g/n/ac wireless standards
- Dual band technology reduces interference, providing reliable connections
- Auto Channel Selection for low interference band
- Wireless signal on/off button
- Simple wireless connectivity and security with WPS push button
- Client isolation allows strict control of access to wireless devices on the network
- Provides up to 8 SSIDs to separate network traffic and enhance security

Gigabit Wireless LAN Controller
WAC-2000

- Centralized management of up to 50 APs
- Client isolation allows strict control of access to wireless devices on the network
- Supports gateway/router mode
- Load balancing across multiple APs
- Built-in robust firewall to protect Internet access against intruders
- Captive Portal function provides a convenient method of authentication for guest users

Gigabit Wireless LAN Controller
WAC-2003

- Centralized management of up to 300 APs
- Up to 4 WAN interfaces with load balancing function
- Client isolation allows strict control of access to wireless devices on the network
- Supports gateway/router mode
- Load balancing across multiple APs
- Built-in robust firewall to protect Internet access against intruders
- Captive Portal function provides a convenient method of authentication for guest users

AC900 5GHz Outdoor PoE Wireless Access
WAB-8010

- Share your wireless network up to 867Mbps
- Compatible with IEEE 802.11ac Wave 2 wireless standards
- MU-MIMO technology greatly enhances WLAN performance for all clients
- Transmission distance of up to 3.5km for 5GHz
- Dual power support: 12V DC/PoE (IEEE 802.3at)
- Provides up to 4 SSIDs to separate network traffic and enhance security
- Weatherproof IP65-rated housing

N300 2.4GHz Outdoor PoE Wireless Access Point, Controller Managed
WAB-6010

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Multi-operation modes to suit different wireless applications
- Dual power support: 12V DC/PoE (IEEE 802.3at)
- Weatherproof IP65-rated housing
- Provides up to 4 SSIDs to separate network traffic and enhance security

AC1200 Dual Band Outdoor PoE Wireless Access Point, Controller Managed
WAB-8011

- Share your wireless network up to 1200Mbps
- Compatible with IEEE 802.11a/b/g/n/ac wireless standards
- Dual band technology reduces interference, providing reliable connections
- Router/AP/Repeater/WISP operation modes to suite different wireless applications
- Provides up to 8 SSIDs to separate network traffic and enhance security
- Weatherproof IP65-rated housing

N300 PoE Wireless Access Point, Controller Managed
WAP-6117

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Provides up to 4 SSIDs to separate network traffic and enhance security
- Multi-operation modes to suit different wireless applications
- Supports WEP, WPA and WPA2 encryption with IEEE 802.1x for high level security
- IEEE 802.3af PoE compliant to simplify deployment and installation

AC1200 Dual Band Wireless Access Point, Controller Managed
WAP-8021

- Share your wireless network up to 1200Mbps
- Compatible with IEEE 802.11a/b/g/n/ac wireless standards
- Dual band technology reduces interference, providing reliable connections
- Provides up to 8 SSIDs to separate network traffic and enhance security
- Multi-operation modes to suit different wireless applications

AC750 Dual Band PoE Wireless Access Point, Ceiling Mount, Controller Managed
WAP-8121

- Share your wireless network up to 750Mbps
- Compatible with IEEE 802.11a/b/g/n/ac wireless standards
- Provides up to 8 SSIDs to separate network traffic and enhance security
- Multi-operation modes to suit different wireless applications
- Auto Channel Selection for low interference band
- Dual power support: 12V DC/PoE (IEEE 802.3at)

AC1200 Dual Band PoE Wireless Access Point, Ceiling Mount, Controller Managed
WAP-8123

- Compatible with IEEE 802.11a/b/g/n/ac Wave 2 wireless standards
- MU-MIMO technology greatly enhances WLAN performance for all clients
- Provides wireless speeds of up to 300Mbps (2.4GHz) / 867Mbps (5GHz)
- Dual power support: 12V DC/PoE (IEEE 802.3at)
- Multi-operation modes to suit different wireless applications
- Auto Channel Selection for low interference band
- Provides up to 8 SSIDs to separate network traffic and enhance security
- High power and receiver sensitivity designed to boost your signal coverage and link speed

AX1800 Dual Band Wi-Fi 6 PoE Wireless Access Point
WAP-8131

- Provides wireless speeds of up to 1800Mbps(574Mbps in 2.4GHz/1201Mbps in 5GHz)
- OFDMA and MU-MIMO support
- Compatible with IEEE 802.11a/b/g/n/ac/ax Wave 2 wireless standards
- Built-in 2 x 2 MIMO antenna
- Multi-operation modes to suit different wireless applications
- Dual power support: 12V DC/PoE (IEEE 802.3at)
- Provides up to 8 SSIDs to separate network traffic
- High power and receiver sensitivity designed to boost your signal coverage and link speed
- Supports WPA3 encryption, compatible with WPA2/WPA

N300 PoE Wireless Access Point, In-Wall Mount, Controller Managed
WAP-6221

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Wall-mounted design fits standard 86x86mm socket
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Provides up to 4 SSIDs to separate network traffic and enhance security
- Supports WEP, WPA and WPA2 encryption with IEEE 802.1x for high level security

AC750 Dual Band PoE Wireless Access Point, In-Wall Mount, Controller Managed
WAP-8221

- Share your wireless network up to 750Mbps
- Compatible with IEEE 802.11a/b/g/n/ac wireless standards
- Dual band technology reduces interference, providing reliable connections
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Multi-operation modes to suit different wireless applications
- Provides up to 8 SSIDs to separate network traffic and enhance security
- Wall-mounted design fits standard 86x86mm socket

Fast Ethernet Fiber PCIe Network Card
FNC-0115

- 1 x SC Multi-Mode Fiber
- Supports most network operating systems (NOS)
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- High-speed gigabit network card with PCI Express v1.1 compliant
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security

Gigabit Fiber PCI Network Card
GNC-0100

- 1 x SFP
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- Supports 32 bit PCI 1.0 and PCI 2.2 bus
- Supports remote management (WfM,RIS,SNMP/DMI)
- Supports most network operating systems (NOS)
- Interrupt Moderation: Delivers increased performance while significantly reducing CPU utilization

Gigabit PCI Network Card
GNC-0105T

- 10/100/1000Mbps wire speed transmission and reception
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Built-in Wake-on-LAN feature to startup computers remotely
- Supports most network operating systems (NOS)
- Supports 32 bit PCI 1.0 and PCI 2.2 bus

Gigabit Fiber PCI Network Card
GNC-0107

- 1 x SC Multi-Mode Fiber
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- Support 32 bit PCI 1.0 and PCI 2.2 bus
- Supports remote management (WfM,RIS,SNMP/DMI)
- Supply switch device for fault tolerance and checking
- Supports most Network Operating Systems (NOS)

Gigabit Fiber PCIe Network Card
GNC-0110

- Reliable and proven Gigabit Ethernet technology from Intel Corporation
- Built-in Wake-on-LAN feature to startup computers remotely
- Interrupt Moderation: Delivers increased performance while significantly reducing CPU utilization
- 9K jumbo frames to increase data transfer rates
- IEEE 1588 and 802.1as (Time Sync)
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- Supports most network operating systems (NOS)

Gigabit PCIe Network Card
GNC-0112

- Low Profile Bracket included
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- High-speed gigabit network card with PCI Express v1.1 compliant
- Supports single-lane PCI Express for link transmission speed at up to 2.5Gbps
- Supports IEEE 802.1P Layer 2 Priority Queuing for improving traffic flow
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission

Gigabit Fiber PCIe Network Card
GNC-0120

- PCIe 4X, 1 x SFP
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- Supports iSCSI remote boot
- Load balancing across multiple CPUs
- Compatible with x4, x8, and x16 standard and low-profile PCI Express slots
- Supports most network operating systems (NOS)
- Intel® PROSet Utility for Windows* Device Manager

Gigabit Fiber PCIe Network Card
GNC-0122

- PCIe 4X, 2 x SFP
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- Supports iSCSI remote boot
- Load balancing across multiple CPUs
- Compatible with x4, x8, and x16 standard and low-profile PCI Express slots
- Supports most network operating systems (NOS)
- Intel® PROSet Utility for Windows* Device Manager

Gigabit Fiber PCIe Network Card
GNC-0124

- PCIe 4X, 4 x SFP
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- High-performing bridgeless design supporting PCI Express* Gen 2.1 5GT/s
- Innovative power management features including Energy • Efficient Ethernet (EEE) and DMA Coalescing for increased efficiency and reduced power consumption
- Flexible I/O virtualization for port partitioning and quality of service (QoS) for up to 32 virtual ports
- Reliable and proven Gigabit Ethernet technology from Intel Corporation

Gigabit Fiber PCIe Network Card
GNC-0200

- 1 x SC Multi-Mode Fiber, Low Profile Bracket included
- Host Interface standard support PCI Express 2.0a
- High performance, reliability, and low power use in Intel 82575EB dual integrated MAC + PHY / SERDES chip controller
- Independently Fiber Gigabit Ethernet channel/s support Gigabit Ethernet 1000Base-SX
- Ultra deep packet buffer per channel lowers CPU utilization
- Hardware acceleration that can offload tasks from the host processor. The controllers can offload TCP/UDP/IP checksum
- Calculations and TCP segmentation

10 Gigabit Fiber PCIe Network Card
GNC-0201

- PCIe 8X, 1 x SFP
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- Load balancing across multiple CPUs
- Supports iSCSI remote boot
- Supports Fibre Channel over Ethernet (FCoE)
- Supports most network operating systems (NOS)

10 Gigabit Fiber PCIe Network Card
GNC-0202

- PCIe 8X, 2 x SFP
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- Supports Dual SFP+ Connectivity
- Load balancing across multiple CPUs
- Supports iSCSI remote boot
- Supports Fibre Channel over Ethernet (FCoE)
- Supports most network operating systems (NOS)
- Intel® PROSet Utility for Windows* Device Manager
- IEEE 1588 and 802.1as (Time Sync)

Fast Ethernet USB Network Adapter
USB-0301

- 10/100Mbps wire speed transmission and reception
- Simple Plug and Play installation, no additional power supply required
- Built-in Wake-on-LAN feature to startup computers remotely
- Supports IPv4/IPv6 network operation
- Multi-platform support: Windows, Mac OS

Gigabit USB Network Adapter
USB-0401

- 10/100/1000Mbps wire speed transmission and reception
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4K jumbo frames to increase data transfer rates
- Built-in Wake-on-LAN feature to startup computers remotely and modern stnadby
- Supports IPv4/IPv6 network operation
- No additional power supply required
- Multi-platform support: Windows, Mac OS, Linux

Gigabit USB-C Network Adapter
USB-0402

- 10/100/1000Mbps wire speed transmission and reception
- Built-in Wake-on-LAN feature to startup computers remotely
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4K jumbo frames to increase data transfer rates
- Supports IPv4/IPv6 network operation
- No additional power supply required
- Multi-platform support: Windows, Mac OS, Linux

Gigabit USB-C Network Adapter with USB Hub
USB-0504

- 10/100/1000Mbps wire speed transmission and reception
- Built-in 3-Port Super Speed USB 3.0 hub
- USB 3.0 super speed (5Gb/s)
- Built-in Wake-on-LAN feature to startup computers remotely
- Multi-platform support: Windows, Mac OS

Gigabit USB Network Adapter with USB Hub
USB-0503

- 10/100/1000Mbps wire speed transmission and reception
- Built-in 3-Port Super Speed USB 3.0 hub
- USB 3.0 super speed (5Gb/s)
- Built-in Wake-on-LAN feature to startup computers remotely
- Multi-platform support: Windows, Mac OS

AC1200 Dual Band Wireless USB Network Adapter
WUA-1810A (1-11 CHANNELS)
WUA-1810E (1-13 CHANNELS)

- MU-MIMO technology greatly enhances WLAN performance for all clients
- Compatible with IEEE 802.11a/b/g/n/ac Wave 2 wireless standards
- Provides wireless speeds of up to 300Mbps (2.4GHz) / 867Mbps (5GHz)
- Dual band technology reduces interference, providing reliable connections
- Provides 5dBi detachable antenna
- Comes with a USB cradle to allow flexible placement for optimal wireless signal

5-Port Fast Ethernet PoE Switch
FEP-0511 (65W)
FEP-0511W90 (90W)
FEP-0511W120 (120W)

6-Port Fast Ethernet PoE Switch
FEP-0631

- 4 Fast Ethernet PoE ports and 1 Fast Ethernet port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission

- PIEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports port-based VLAN
- Connection distance of up to 250m at 10Mbps data rate
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Total PoE power budget: 60W, up to 30W per port
- PoE Auto-check fuction

5-Port Fast Ethernet PoE Switch
FSW-0503 (61.6W)
FSW-0503Z (61.6W, POWER ADAPTER EXCLUDED)
FSW-0503W90 (90W)

5-Port Fast Ethernet PoE Switch
FSW-0513 (120W)
FSW-0513Z (120W, POWER ADAPTER EXCLUDED)

- Provides flexibility of 4 x 10/100BASE-TX PoE ports
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission

- Provides flexibility of 4 x 10/100BASE-TX PoE ports
- PoE on/off control per port by dip switches
- Auto-detection and protection of non-standard PoE devices
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission

8-Port Fast Ethernet PoE Switch
FEP-0800 (90W)
FEP-0800W65 (65W)
FEP-0800W120 (120W)

- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- PoE on/off control per port by dip switches
- Simple Plug and Play installation

8-Port Fast Ethernet PoE Switch
FEP-0811 (120W)
FEP-0811W250 (250W)

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- 11-inch metal housing with 19-inch rackmount kit included
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission

8-Port Fast Ethernet PoE Switch
FEP-0812 (65W)
FEP-0812W90 (90W)
FEP-0812W120 (120W)

- 4 Fast Ethernet PoE ports and 4 Fast Ethernet ports
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission

10-Port Fast Ethernet PoE Switch
FGP-1031

- 8 10/100 Mbps PoE ports/ 2 Port Gigabit
- First port supports output HiPoE_60W
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX

10-Port Fast Ethernet PoE Switch
FGP-1000 (120W)
FGP-1000W90 (90W)
FGP-1000W65 (65W)

- 8 Fast Ethernet PoE ports, 1 Gigabit port and 1 Gigabit SFP slot
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- PoE on/off control per port by dip switches
- Simple Plug and Play installation

16-Port Fast Ethernet PoE Switch
FEP-1611

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- Supports 4K MAC address auto-learning and auto-aging
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- 19-inch metal housing
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Total PoE power budget: 240W, up to 30W per port

16-Port Fast Ethernet PoE Switch

FEP-1601 (250W)
FEP-1601W120 (120W)
FEP-1601W150 (150W)
FEP-1601W380 (380W)

- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- PoE on/off control per port by dip switches
- 19-inch metal housing

16-Port Fast Ethernet PoE Switch

FEP-1612 (500W)
FEP-1612W380 (380W)
FEP-1612W150 (150W)
FEP-1612W120 (120W)

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- Supports 4K MAC address auto-learning and auto-aging
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- 19-inch metal housing
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission

26-Port Fast Ethernet PoE Switch

FGP-2412W630 (630W)

- 24 Fast Ethernet PoE ports and 2 Gigabit RJ45/SFP combo ports
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports 4K MAC address auto-learning and auto-aging
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 19-inch metal housing

20-Port Fast Ethernet PoE Switch

FGP-2031

- 16 Fast Ethernet PoE ports, 2 Gigabit ports and 2 Gigabit SFP slots
- Total PoE power budget: 270W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Powerful DIP switch button configuration for PoE Auto-Check, and Extension mode / Default mode / VLAN mode features.
- Supports the PoE auto-check function,which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the port's output of PoE, and restart the PD device. It gently reduces the maintenance difficulty of engineering.
- Supports port-based VLAN
- 6KV surge protection, 6KV/8KV ESD protection.
- Connection distance of up to 250m at 10Mbps data rate

28-Port Fast Ethernet PoE Switch

FGP-2831

- 24 Fast Ethernet PoE ports, 2 Gigabit ports and 2 Gigabit SFP slots
- Total PoE power budget: 390W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Powerful DIP switch button configuration for PoE Auto-Check, and Extension mode / Default mode / VLAN mode features.
- Supports the PoE auto-check function,which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the port's output of PoE, and restart the PD device. It gently reduces the maintenance difficulty of engineering.
- Supports port-based VLAN
- 6KV surge protection, 6KV/8KV ESD protection.
- Connection distance of up to 250m at 10Mbps data rate

26-Port Fast Ethernet PoE Switch

FGP-2601W150 (150W)

- 24 Fast Ethernet PoE ports and 2 Gigabit ports
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Power protection: OVP/OCP/OTP
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- PoE on/off control per port by dip switches
- 19-inch metal housing

26-Port Fast Ethernet PoE Switch
FGP-2602W250 (250W)
FGP-2602W380 (380W)

- 24 Fast Ethernet PoE ports and 2 Gigabit SFP slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Power protection: OVP/OCP/OTP
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- PoE on/off control per port by dip switches
- 19-inch metal housing

34-Port Fast Ethernet PoE Switch
FGP-3400W250 (250W)
FGP-3400W380 (380W)
FGP-3400W500 (500W)
FGP-3400W630 (630W)
FGP-3400W760 (760W)

- 32 Fast Ethernet PoE ports and 2 Gigabit ports
- PoE on/off control per port by dip switches
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 19-inch rackmount kit included

5-Port Gigabit PoE Switch
GEP-0520 (61.6W)
GEP-0520Z (61.6W,POWER ADAPTER EXCLUDED)

- 1 Gigabit port and 4 Gigabit PoE ports
- IEEE 802.3af PoE compliant to simplify deployment and installation
- 9K jumbo frames to increase data transfer rates
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

5-Port Gigabit PoE Switch
GEP-0521

- 1 Gigabit port and 4 Gigabit PoE ports
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 9K jumbo frames to increase data transfer rates
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Total PoE power budget: 115W, up to 30W per port
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

5-Port Gigabit PoE Switch
GEP-0523

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 10/100/1000Mbps wire speed transmission and reception
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Total PoE power budget: 60W, up to 30W per port

8-Port Gigabit PoE Switch
GEP-0812 (65W)
GEP-0812W90 (90W)
GEP-0812W120 (120)

- 4 Gigabit ports and 4 Gigabit PoE ports
- Auto-detection and protection of non-standard PoE devices
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 9K jumbo frames to increase data transfer rates
- 11-inch metal housing with 19-inch rackmount kit included

8-Port Gigabit PoE Switch
GEP-0821(123.2W)
GEP-0822(240W)

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 10/100/1000Mbps wire speed transmission and reception
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 19-inch rackmount kit included
- Total PoE power budget: 123.2W/240W, up to 30W per port
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

8-Port Gigabit PoE Switch
GEP-0823

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 10/100/1000Mbps wire speed transmission and reception
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Total PoE power budget: 120W, up to 30W per port

10-Port Gigabit PoE Switch
GEP-1020

- 8 Gigabit PoE ports and 2 Gigabit SFP slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 19-inch rackmount kit included
- Total PoE power budget: 150W, up to 30W per port

12-Port-Gigabit Switch
GEP-1221

- 8 Gigabit PoE ports/ 2 Port Gigabit and 2 Gigabit SFP slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Built-in power supply

10-Port L2 Managed Gigabit PoE Switch
GEP-1070

- 8 Gigabit PoE ports and 2 Gigabit SFP slots
- Supports VLAN (tag-based, Q-in-Q)
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3ad LACP for auto port aggregation
- 9K jumbo frames to increase data transfer rates
- Total PoE power budget: 120W, up to 30W per port

16-Port Gigabit PoE Switch
GEP-1621 (250W)
GEP-1621W380 (380W)
GEP-1621W150 (150W)
GEP-1621W120 (120W)

- 16 PoE-Plus Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 19-inch metal housing

16-Port Gigabit PoE Switch
GEP-1622

- 16 PoE-Plus Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 19-inch metal housing
- Total PoE power budget: 480W, up to 30W per port

24-Port Gigabit PoE Switch
GEP-2421W250 (250W)
GEP-2421W500 (500W)
GEP-2421W630 (630W)

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 10K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- 19-inch rackmount kit included

20-Port Gigabit PoE Switch
GEP-2021

- 16 Gigabit PoE ports, 2 Gigabit ports and 2 Gigabit SFP slots
- Supports DIP switch configuration for VLAN mode and Default mode features.
- Total PoE power budget: 270W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports port-based VLAN
- Connection distance of up to 250m at 10Mbps data rate
- 6KV surge protection, 6KV/8KV ESD protection.

28-Port Gigabit PoE Switch
GEP-2821

- 24 Gigabit PoE ports, 2 Gigabit ports and 2 Gigabit SFP slots
- Supports DIP switch configuration for VLAN mode and Default mode features.
- Total PoE power budget: 390W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports port-based VLAN
- Connection distance of up to 250m at 10Mbps data rate
- 6KV surge protection, 6KV/8KV ESD protection.

5-Port Fast Ethernet Switch
FEU-0511

- Provides flexibility of 4 x 10/100BASE-TX ports
- 100Base-FX Multi-mode fiber for the link up to 2km
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Provides wall or desktop mounting

5-Port Fast Ethernet Switch
FEU-0512

- Provides flexibility of 5x 10/100BASE-TX ports
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 1K MAC address auto-learning and auto-aging
- Quick and easy installation

8-Port Fast Ethernet Switch
FEU-0812

- Provides flexibility of 8 x 10/100BASE-TX ports
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Quick and easy installation
- Supports 1K MAC address auto-learning and auto-aging
- Simple Plug and Play installation

5-Port Fast Ethernet Switch
FSW-0508TX

- Provides flexibility of 5x 10/100BASE-TX ports
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 2K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Magnetic base for easy placement
- Compact, lightweight design

8-Port Fast Ethernet Switch
FSW-0808TX

- Provides flexibility of 8 x 10/100BASE-TX ports
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 1K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Magnetic base for easy placement
- Quick and easy installation

16-Port Fast Ethernet Switch
FSW-1650

- Provides flexibility of 16 x 10/100BASE-TX ports
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

24-Port Fast Ethernet Switch
FSW-2450

- Provides flexibility of 24 x 10/100BASE-TX ports
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 19-inch metal housing

50-Port Fast Ethernet Switch
FGU-5021

- 48 Fast Ethernet ports and 2 Gigabit RJ45/SFP combo ports
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- 19-inch metal housing
- Quick and easy installation

5-Port Gigabit Switch
GEU-0521

- 4 Gigabit Ethernet ports and 1 Gigabit SFP slot
- 9K jumbo frames to increase data transfer rates
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 1K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Provides wall or desktop mounting
- Quick and easy installation

5-Port Gigabit Switch
GEU-0522

- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 4K MAC address auto-learning and auto-aging
- Quick and easy installation
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

5-Port Gigabit Switch
GEU-0523

- 5 Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- 9K jumbo frames to increase data transfer rates
- Supports 2K MAC address auto-learning and auto-aging
- Provides wall or desktop mounting
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- Supports loop detection and features an LED indicator

5-Port Gigabit Switch
GSW-0507

- 5 Gigabit Ethernet ports
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Provides wall or desktop mounting
- Quick and easy installation
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

8-Port Gigabit Switch
GSW-0807

- 9K jumbo frames to increase data transfer rates
- 8 Gigabit Ethernet ports
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Provides wall or desktop mounting
- Quick and easy installation
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

8-Port Gigabit Switch
GEU-0821

- 8 Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- Provides wall or desktop mounting
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- VLAN isolation mode on/off control by dip switches

8-Port Gigabit Switch
GEU-0822

- 8 Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- Provides wall or desktop mounting
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

16-Port Gigabit Switch
GEU-1621

- 16 Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 19-inch rackmount kit included
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

16-Port Gigabit Switch
GSW-1657

- 16 Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 19-inch metal housing

24-Port Gigabit Switch
GSW-2457

- 24 Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- QoS control for traffic prioritization and bandwidth management
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 19-inch metal housing
- Fanless Design

24-Port Gigabit Switch
GEU-2431

- 24 Gigabit Ethernet ports
- 10/100/1000Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- Supports 3 working modes to fullfil different applications

10-Port Web Smart Gigabit Switch
GEL-1051

- 8 Gigabit Ethernet ports and 2 Gigabit SFP slots
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- IEEE 802.3ad LACP for auto port aggregation
- MLD, Telnet, SNMP V1, V2c & V3, RMON, Web Browser, and TFTP Management

10-Port Web Smart Gigabit PoE Switch
GEP-1051

- 8 Gigabit PoE ports and 2 Gigabit SFP slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- IEEE 802.3ad LACP for auto port aggregation
- MLD, Telnet, SNMP V1, V2c & V3, RMON, Web Browser, and TFTP Management
- Total PoE power budget: 70W, up to 30W per port

10-Port L2 Managed Gigabit PoE Switch
GEP-1061

- With 8 *10/100/1000Mbps PoE ports and 2*1000Mbps SFP ports, with L2 network management
- Total 180W PoE power budget and usability, up to 2 ports at 90W(1-2 port), or 6 ports at 30W or 8 ports at 15.4W
- IEEE 802.3af/at/bt PoE compliant to simplify deployment and installation
- Support Web Smart configuration for PoE management, and QoS / VLAN / MSTP / Multi-broadcast / ports management features
- 6KV surge protection, 6KV contact / 8KV air ESD protection

28-Port Web Smart Gigabit PoE Switch
GEP-2841

- 24 Gigabit PoE ports, 2 Gigabit Uplink ports and 2 Gigabit Uplink SFP slots
- Total 375W PoE power budget and usability, up to 2 ports at 90W(1-2 port), or 12 ports at 30W or 24 ports at 15.4W
- IEEE 802.3af/at/bt PoE compliant to simplify deployment and installation
- Supports port-based VLAN
- Supports IEEE 802.1P Layer 2 Priority Queuing for improving traffic flow

26-Port Web Smart Gigabit PoE Switch
GEP-2652

- 24 Gigabit Ethernet ports and 2 Gigabit SFP slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Total PoE power budget: 370W, up to 30W per port
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging and GVRP
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- Supports IPv4/IPv6 network operation
- Supports unknown unicast / broadcast / multicast storm control

28-Port L2 Managed Gigabit PoE Switch
GEP-2861

- 24 Gigabit PoE+ ports and 4 Gigabit SFP ports
- Total PoE power budget: 390W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports working temperature -10C~50C
- 6KV surge protection, 6KV contact / 8KV air ESD protection

20-Port L3 Managed Gigabit Switch
GTL-2091

- 24 Gigabit PoE ports and 4 10-Gigabit SFP+ slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Total PoE power budget: 400W, up to 30W per port
- Virtual stacking supports up to 4 switches in a single logical stack for unified management, monitoring and configuration
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging and GVRP
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- Supports IPv4/IPv6 network operation
- Supports unknown unicast / broadcast / multicast storm control
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Dynamic ARP Inspection (DAI) protects switches against ARP spoofing

52-Port L2 Plus Managed Gigabit Switch
GEL-5271

- 48 Gigabit Ethernet ports and 4 Gigabit SFP slots
- IEEE 802.3ad LACP for auto port aggregation
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports VLAN (Port-based, Protocol-based, Private, Q-in-Q, Tag-based)
- Supports IPv4/IPv6 network operation

28-Port L2 Plus Managed Gigabit Switch
GEL-2871

- 24 Gigabit Ethernet ports and 4 Gigabit SFP slots
- IEEE 802.3ad LACP for auto port aggregation
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports VLAN (Port-based, Protocol-based, Private, Q-in-Q, Tag-based)
- Supports IPv4/IPv6 network operation

28-Port L3 Lite Managed Gigabit PoE Switch
GTP-2871

- 24 Gigabit PoE ports and 4 10-Gigabit SFP+ slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Total PoE power budget: 400W, up to 30W per port
- Virtual stacking supports up to 4 switches in a single logical stack for unified management, monitoring and configuration
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging and GVRP
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- Supports IPv4/IPv6 network operation
- Supports unknown unicast / broadcast / multicast storm control
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Dynamic ARP Inspection (DAI) protects switches against ARP spoofing

52-Port L3 Lite Managed Gigabit PoE Switch
GTP-5271

- 48 Gigabit Ethernet ports and 4 10-Gigabit SFP+ slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Total PoE power budget: 400W, up to 30W per port
- Virtual stacking supports up to 4 switches in a single logical stack for unified management, monitoring and configuration
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging and GVRP
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- Supports IPv4/IPv6 network operation
- Supports unknown unicast / broadcast / multicast storm control

Hilbert 5-Port Gigabit PoE Smart Lite Switch
GES-2105P

- 4 PoE-Plus Gigabit Ethernet ports supports PoE Watchdog
- Total PoE power budget: 60W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 2K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Hilbert 8-Port Gigabit PoE Smart Lite Switch
GES-2108P

- 8 PoE-Plus Gigabit Ethernet ports supports PoE Watchdog
- Total PoE power budget: 112.8W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 4K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Hilbert 10-Port Gigabit PoE Smart Lite Switch
GES-2110P

- 8 PoE-Plus Gigabit Ethernet ports supports PoE Watchdog and 2 Gigabit SFP slots
- Total PoE power budget: 130W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Hilbert 18-Port Gigabit PoE Smart Lite Switch
GES-2118P

- 16 PoE-Plus Gigabit Ethernet ports supports PoE Watchdog and 2 Gigabit SFP slots
- Total PoE power budget: 230W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Hilbert 28-Port Gigabit PoE Smart Lite Switch
GES-2128P

- 24 PoE-Plus Gigabit Ethernet ports supports PoE Watchdog and 4 Gigabit SFP/RJ45 Combo
- Total PoE power budget: 380W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Hilbert 8-Port Gigabit Smart Lite Switch
GES-2108

- 8 Gigabit Ethernet ports
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 4K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm · control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Hilbert 10-Port Gigabit Smart Lite Switch
GES-2110

- 8 Gigabit Ethernet ports and 2 Gigabit SFP slots
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to · enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Hilbert 18-Port Gigabit Smart Lite Switch
GES-2118

- 16 Gigabit Ethernet ports and 2 Gigabit SFP slots
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Hilbert 26-Port Gigabit Smart Lite Switch
GES-2126

- 24 Gigabit Ethernet ports and 2 Gigabit SFP slots
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Hilbert 28-Port Gigabit Smart Lite Switch
GES-2128

- 24 Gigabit Ethernet ports and 4 Gigabit SFP/RJ45 Combo
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

10-Port L2 Managed Gigabit Switch
GEL-1061

- 8 Gigabit Ethernet ports and 2 Gigabit SFP slots
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IEEE 802.3ad LACP for auto port aggregation
- Supports Access Control List (ACL) authentication of up to 512 entries and port-based security with IEEE802.1X
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- Supports IPv4/IPv6 network operation
- IEEE 802.1p QoS with 8 priority queues

28-Port L2 Managed Gigabit Switch
GEL-2861

- 24 Gigabit Ethernet ports and 4 Gigabit SFP slots
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IEEE 802.3ad LACP for auto port aggregation
- Supports Access Control List (ACL) authentication of up to 512 entries and port-based security with IEEE802.1X
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- Supports IPv4/IPv6 network operation
- IEEE 802.1p QoS with 8 priority queues

26-Port L2 Managed Gigabit Switch
GTL-2661

- 24 Gigabit Ethernet ports and 2 10-Gigabit SFP+ slots
- IEEE 802.3ad LACP for auto port aggregation
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- Provides QoS control based on IP DSCP for advanced traffic prioritization and bandwidth management
- MLD, Telnet, SNMP V1, V2c & V3, RMON, Web Browser, and TFTP Management
- Dynamic ARP Inspection (DAI) protects switches against ARP spoofing
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- Supports IPv4/IPv6 network operation

28-Port L3 Lite Managed Gigabit Fiber Switch
GTL-2872

- 20 Gigabit SFP Slots, 4 Gigabit SFP/RJ45 Combo and 4 10-Gigabit SFP+ Sots
- IEEE 802.3ad LACP for auto port aggregation
- Dynamic ARP Inspection (DAI) protects switches against ARP spoofing
- Supports IPv4/IPv6 network operation
- MLD, Telnet, SNMP V1, V2c & V3, RMON, Web Browser, and TFTP Management
- Support Operations, Administration, and Maintenance (OAM) mechanisms
- Supports DDMI SFP transceiver
- Redundant power inputs with Terminal Block and AC Jack

28-Port Stackable L3 Lite Managed Gigabit Switch
GTL-2881

- 24 Gigabit Ethernet Ports and 2 10-Gigabit SFP+ Slot with 1 Module Slot for 2 10-Gigabit SFP+ Slots
- Dynamic ARP Inspection (DAI) protects switches against ARP spoofing
- Supports up to 8 switches in one stack
- Supports Operations, Administration, and Maintenance (OAM) mechanisms
- Ethernet Ring Protection Switching (ERPS) for Ethernet ring topologies with sub-50 ms failover capabilities
- IEEE 802.1d/w Spanning Tree Protocol (STP) and port mirroring
- IEEE 802.3ad LACP for auto port aggregation
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- QoS control for traffic prioritization and bandwidth management

28-Port Stackable L3 Lite Managed Gigabit Fiber Optic Switch
GTL-2882

- 22 Gigabit SFP Slots, 2 Gigabit SFP/RJ45 Combo and 2 10-Gigabit SFP+ Slots with 1 Module Slot for 2 10-Gigabit SFP+ Slots
- Dynamic ARP Inspection (DAI) protects switches against ARP spoofing
- Supports up to 8 switches in one stack
- Supports Operations, Administration, and Maintenance (OAM) mechanisms
- IEEE 802.1d/w Spanning Tree Protocol (STP) and port mirroring
  Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- QoS control for traffic prioritization and bandwidth management
- Supports IPv4/IPv6 network operation

28-Port Stackable L3 Managed Gigabit Switch
GTL-2891

· 24 Gigabit Ethernet Ports and 2 10-Gigabit SFP+ Slot with 1 Module Slot for 2 10-Gigabit SFP+ Slots
· Dynamic ARP Inspection (DAI) protects switches against ARP spoofing
· Supports up to 8 switches in one stack
· Supports Operations, Administration, and Maintenance (OAM) mechanisms
· Ethernet Ring Protection Switching (ERPS) for Ethernet ring topologies with sub-50 ms failover capabilities
· IEEE 802.1d/w Spanning Tree Protocol (STP) and port mirroring
· IEEE 802.3ad LACP for auto port aggregation
· Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
· QoS control for traffic prioritization and bandwidth management

DMS EMBEDDED IN TURING SWITCHES

DMS is an Intelligent Management Tool Embedded in Switches to Intuitively Help IT/TS Reducing Support Cost/Time/Effort.
No extra Software or Server needed!

EASY ACCESS FROM ANY DEVICE

All devices connected to the switches can be discovered and displayed by DMS automatically using standard networking protocols such as LLDP, UPnP, ONVIF, Bonjour, etc.

CONTROL EVERYTHING INSIDE YOUR BROWSER

· Remotely power down IP cameras, NVRs or any other PoE device.
· Remotely identify where exactly broken cables are located.
· Detect abnormal traffic issues on IP cameras and NVRs.
· Monitor devices status intuitively, e.g. link up, PoE power, traffic, etc.
· Configure VLAN/QoS intuitively for better solution quality/reliability.
· Supports up to 256 devices within up to 4 subnets.

LOG IN FROM ANY DEVICE

Use your PC/Mac or any Smartphone or Tablet to access the DMS Interface directly in your Browser

REMOTE POWER CONTROL

Power down or up IP Cameras, NVRs or any other PoE device easily from the DMS in your browser.

ABNORMAL TRAFFIC

Detect abnormal traffic issues on IP cameras or NVRs.

EMBEDDED IN TURING SWITCHES

No extra Software needed. No additional Server required. All you need is one of our Turing Switches with the DMS included.

LOCATE BROKEN CABLES

Remotely identify where exactly a broken cable is located.

ADVANTAGES OVER COMMON NETWORK MANAGEMENT SYSTEMS

| NO EXTRA SERVER COST | NO TRAINING REQUIRED | NO ADDITIONAL SOFTWARE NEEDED | WORKS WITH 3RD PARTY IP DEVICES |

IS YOUR NETWORK MANAGEMENT INTELLIGENT?

Make the most out of your network. Save time and money by reducing the effort for technical support and IT.

With our DMS on TURING SWITCHES.

26-Port Web Smart Gigabit PoE Switch
GEP-2651

- 24 Gigabit PoE ports and 2 Gigabit RJ45/SFP combo ports
- QoS control for traffic prioritization and bandwidth management
- Supports IPv4/IPv6 network operation
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- Total PoE power budget: 185W, up to 30W per port
- The built-in Device Management System (DMS) provides management, diagnostics and monitoring to connected network components and devices

26-Port L3 Lite Managed Gigabit Switch
GEL-2681

- 24 Gigabit ports and 2 Gigabit RJ45/SFP combo ports
- QoS control for traffic prioritization and bandwidth management
- Supports IPv4/IPv6 network operation
- IEEE 802.3ad LACP for auto port aggregation
- Supports VLAN (Port-based, Protocol-based, Private, Q-in-Q, Tag-based) and GVRP
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- The built-in Device Management System (DMS) provides management, diagnostics and monitoring to connected network components and devices

26-Port L3 Lite Managed Gigabit PoE Switch
GEP-2681

- 24 Gigabit PoE ports and 2 Gigabit RJ45/SFP combo ports
- QoS control for traffic prioritization and bandwidth management
- Supports IPv4/IPv6 network operation
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports Universal Plug and Play (UPnP) for auto-configure network devices
- Total PoE power budget: 185W, up to 30W per port
- The built-in Device Management System (DMS) provides management, diagnostics and monitoring to connected network components and devices

26-Port L3 Lite Managed Gigabit PoE Switch
GEP-2682

- 24 Gigabit PoE ports and 2 Gigabit RJ45/SFP combo ports
- QoS control for traffic prioritization and bandwidth management
- DHCP Client/Server
- Supports IPv4/IPv6 network operation
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- IEEE 802.3ad LACP for auto port aggregation
- Total PoE power budget: 370W, up to 30W per port
- The built-in Device Management System (DMS) provides management, diagnostics and monitoring to connected network components and devices

28-Port L3 Lite Managed Gigabit PoE Switch
GTP-2881

- 24 Gigabit PoE ports and 4 10-Gigabit SFP slots
- Total PoE power budget: 185W, up to 30W per port
- Supports Access Control List (ACL) authentication of up to 512 entries and port-based security with IEEE802.1X
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging and GVRP
- Supports IPv4/IPv6 network operation
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- IEEE 802.3ad LACP for auto port aggregation
- The built-in Device Management System (DMS) provides management, diagnostics and monitoring to connected network components and devices

8-Port L3 Lite Managed Gigabit PoE Industrial Switch
IGP-0871

- 4 Gigabit PoE ports, 2 Gigabit ports and 2 Gigabit SFP slots
- Total PoE power budget: 120W, up to 30W per port
- Supports IPv4/IPv6 network operation
- Support Operations, Administration, and Maintenance (OAM) mechanisms
- Ethernet Ring Protection Switching (ERPS) for Ethernet ring topologies with sub-50 ms failover capabilities
- -40°C to 75°C operating temperature range
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- The built-in Device Management System (DMS) provides management, diagnostics and monitoring to connected network components and devices

12-Port L3 Lite Managed Gigabit PoE Industrial Switch
IGP-1271

- 8 Gigabit PoE ports and 4 Gigabit SFP slots
- Total PoE power budget: 240W, up to 30W per port
- Supports IPv4/IPv6 network operation
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- Support Operations, Administration, and Maintenance (OAM) mechanisms
- Ethernet Ring Protection Switching (ERPS) for Ethernet ring topologies with sub-50 ms failover capabilities
- -40°C to 75°C operating temperature range
- Redundant power inputs with Terminal Block
- The built-in Device Management System (DMS) provides management, diagnostics and monitoring to connected network components and devices

12-Port L3 Lite Managed Gigabit Industrial Switch
IGU-1271

- 8 Gigabit Ethernet ports and 4 Gigabit SFP slots
- Supports IPv4/IPv6 network operation
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- Support Operations, Administration, and Maintenance (OAM) mechanisms
- Ethernet Ring Protection Switching (ERPS) for Ethernet ring topologies with sub-50 ms failover capabilities
- -40°C to 75°C operating temperature range
- Redundant power inputs with Terminal Block
- The built-in Device Management System (DMS) provides management, diagnostics and monitoring to connected network components and devices

5-Port Fast Ethernet PoE Industrial Switch
IFP-0503

· 4 Fast Ethernet PoE ports and 1 Fast Ethernet fiber port
· Total PoE power budget: 126W, up to 30W per port
· Single-mode fiber with SC connector for transmission of up to 30km
· -40°C to 75°C operating temperature range
· Provides DIN-rail, wall or desktop mounting
· IP30 metal case
· Redundant power inputs with Terminal Block

8-Port Fast Ethernet PoE Industrial Switch
IFP-0801

· 4 Fast Ethernet PoE ports and 4 Fast Ethernet ports
· Total PoE power budget: 126W, up to 30W per port
· -40°C to 75°C operating temperature range
· Provides DIN-rail, wall or desktop mounting
· IP30 metal case
· Redundant power inputs with Terminal Block and DC Jack

3-Port Industrial Gigabit PoE PSE/PD Switch
IGP-0310

· 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
· Provides DIN-rail, wall or desktop mounting
· IP30 metal case
· 6KV surge protection level on each port
· ESD and surge protection

4-Port Gigabit PoE Industrial Switch
IGP-0401

· 2 Gigabit PoE ports, 1 Gigabit port and 1 Gigabit SFP slot
· Total PoE power budget: 65W, up to 30W per port
· Supports DIN-rail installation
· -40°C to 75°C operating temperature range
· Redundant power inputs with Terminal Block

4-Port Gigabit PoE Industrial Switch
IGP-0431

- 10/100/1000Mbps wire speed transmission and reception
- IEEE 802.3af/at/bt PoE compliant to simplify deployment and installation
- 6KV surge protection level on each port
- Supports the PoE auto-check function,which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the port's output of PoE, and restart the PD device. It gently reduces the maintenance difficulty of engineering.
- -40°C to 75°C operating temperature range
- Supports DDMI SFP transceiver
- ESD and surge protection
- Supports DIN-rail installation

4-Port Gigabit PoE Industrial Switch
IGP-0432

- 10/100/1000Mbps wire speed transmission and reception
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 6KV surge protection level on each port
- -40°C to 75°C operating temperature range
- Supports the PoE auto-check function,which is specially designed to solve the problems of equipment frozen
- It can automatically detect the frozen PD equipment and restart the port's output of PoE, and restart the PD device. It gently reduces the maintenance difficulty of engineering.
- ESD and surge protection
- Supports DIN-rail installation

5-Port Gigabit Industrial Switch
IGP-0501

- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Port 1 - 4 support IEEE 802.3at Power over Ethernet Plus (PoE+)
- Port 1~2 10/100/1000Base-T RJ45(IEEE 802.3bt) PoE 90W
- Provides DIN-rail, wall or desktop mounting
- IP30 metal case
- 6KV surge protection level on each port
- ESD and surge protection

5-Port Gigabit Industrial Switch
IGP-0502

- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Port 1 - 4 support IEEE 802.3at Power over Ethernet
- Provides DIN-rail, wall or desktop mounting
- IP30 metal case
- 6KV surge protection level on each port
- ESD and surge protection

8-Port Gigabit PoE Industrial Switch
IGP-0801

- 4 Gigabit ports and 4 Gigabit PoE ports
- Total PoE power budget: 126W, up to 30W per port
- Provides DIN-rail, wall or desktop mounting
- IP30 metal case
- Redundant power inputs with Terminal Block
- -40°C to 75°C operating temperature range

6-Port Gigabit PoE Industrial Switch
IES-0610

- 4 Gigabit PoE ports, 1 Gigabit SFP slot and 1 Gigabit RJ45/SFP Combo port
- Total PoE power budget: 126W, up to 30W per port
- -40°C to 75°C operating temperature range
- IP30 metal case
- Redundant power inputs with Terminal Block

6-Port Gigabit PoE Industrial Switch
IES-0620

- 4 Gigabit PoE ports, 1 Gigabit SFP slot and 1 Gigabit RJ45/SFP Combo port
- Total PoE power budget: 126W, up to 30W per port
- -40°C to 75°C operating temperature range
- IP30 metal case
- Supports 12 to 55V DC power inputs
- Redundant power inputs with Terminal Block

8-Port Gigabit PoE Industrial Switch
IGP-0802

- Total PoE power budget: 200W, up to 30W per port
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- -40°C to 75°C operating temperature range
- Provides DIN-rail, wall or desktop mounting
- IP30 metal case
- Redundant power inputs with Terminal Block

10-Port Gigabit PoE Industrial Switch
IGP-1031

- 10/100/1000Mbps wire speed transmission and reception
- Built-in 8 PoE ports for PoE devices
- 8 Gigabit Ethernet ports and 2 Gigabit SFP slots
- Connection distance of up to 250m at 10Mbps data rate
- Supports policy-based VLAN
- 6KV surge protection level on each port
- ESD and surge protection

10-Port L2 Managed Gigabit PoE Industrial Switch
IGP-1061

- 8 Gigabit PoE ports and 2 Gigabit SFP ports
- Port 1~2 10/100/1000Base-T RJ45(IEEE 802.3bt) PoE 90W
- Port 3~8 support IEEE 802.3at Power over Ethernet Plus (PoE+)
- Compatible with IEEE802.3af/at/bt
- Support L2 management, such as QoS, VLAN, MSTP, Multi-brocast, ports management and PoE management
- Supports ERPS for ring topology
- 6KV surge protection, 8KV contact /15KV air ESD protection
- Provides DIN-rail, wall or desktop mounting
- -40°C to 75°C operating temperature range

12-Port Gigabit PoE Industrial Switch
IGP-1221

- 8 Gigabit PoE ports and 4 Gigabit SFP slots
- Total PoE power budget: 240W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- -40°C to 75°C operating temperature range
- Redundant power inputs with Terminal Block

5-Port Fast Ethernet Industrial Switch
IFS-0501

- Provides flexibility of 5x 10/100BASE-TX ports
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- -40°C to 75°C operating temperature range
- Provides DIN-rail, wall or desktop mounting
- IP30 metal case
- Redundant power inputs with Terminal Block
- Supports 9 to 56V DC power inputs

5-Port Fast Ethernet Industrial Switch
IES-0500

- Provides flexibility of 5x 10/100BASE-TX ports
- -20°C to 70°C operating temperature range
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 12 to 48V DC power inputs
- Complies with IEC61000-6-2 EMC Generic standard immunity for Industrial environment

5-Port Fast Ethernet Industrial Switch
IES-0510

- 4 Fast Ethernet ports and 1 Fast Ethernet fiber port
- Multi-mode fiber with SC connector for transmission of up to 2km
- -20°C to 70°C operating temperature range
- Supports 12 to 48V DC power inputs
- Complies with IEC61000-6-2 EMC Generic standard immunity for Industrial environment

8-Port Fast Ethernet Industrial Switch
IFS-0801

- Provides flexibility of 8 x 10/100BASE-TX ports
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Provides DIN-rail, wall or desktop mounting
- Redundant power inputs with Terminal Block
- 30°C to 65°C operating temperature range

5-Port Gigabit Industrial Switch
IGU-0501

- 10/100/1000Mbps wire speed transmission and reception
- Supports DDMI SFP transceiver
- 6KV surge protection level on each port
- ESD and surge protection
- Supports DIN-rail installation

6-Port Gigabit Industrial Switch
IES-0600

- 5 Gigabit ports with 1 shared SFP slot and 1 Gigabit SFP slot
- -40°C to 75°C operating temperature range
- IP30 metal case
- Supports 9 to 56V DC power inputs
- Redundant power inputs with Terminal Block

RJ45 to SFP Managed Fast Ethernet Media Converter
FVM-1000

- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- Web-based and SNMP Management
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Supports VLAN (tag-based, Q-in-Q)
- Transfers data from 10/100Base-TX copper to fiber interfaces

RJ45 to SC Managed Fast Ethernet Media Converter
FVM-1101

- Multi-mode fiber with SC connector for transmission of up to 2km
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- Web-based and SNMP Management
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Supports VLAN (tag-based, Q-in-Q)

RJ45 to SC Managed Fast Ethernet Media Converter
FVM-1220

- Single-mode fiber with SC connector for transmission of up to 20km
- Web-based and SNMP Management
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Supports VLAN (tag-based, Q-in-Q)

RJ45 to SC Fast Ethernet Media Converter
FVT-0103TXFC

- 10/100BASE-TX UTP to 100BASE-FX fiber media conversion
- Multi-mode transmission over fiber, up to 2 km
- High-quality SC optical fiber connector port
- Complies with IEEE 802.3af PoE standard as a PD device
- Over-current protection and under-current detection
- DIP Switch for customized configurations

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RJ45 to SC Fast Ethernet Media Converter
FVT-0104TXFC

· Single-mode fiber transmission, up to 20 km
· 10/100BASE-TX UTP to 100BASE-FX fiber media conversion
· High-quality SC optical fiber connector port
· Complies with IEEE 802.3af PoE standard as a PD device
· Over-current protection and under-current detection
· DIP Switch for customized configurations

RJ45 to SC Fast Ethernet Media Converter
FVT-0203TXFC

· IEEE 802.3af PoE PSE with 15.4W power budget
· 10/100BASE-TX UTP to 100BASE-FX copper to fiber media converter
· Multi-mode fiber transmission up to 2 km
· High-quality SC connector
· Link-loss-forwarding
· Provides Link Fault Pass and Far End Fault
· DIP Switch for customized configuration
· Internal power supply

RJ45 to SC Fast Ethernet Media Converter
FVT-1101

· Supports the transmission of extra-long packets up to 1.6KB
· IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
· Multi-mode fiber with SC connector for transmission of up to 2km
· Supports low-time lag transmission

RJ45 to SC Fast Ethernet Media Converter
FVT-1102

· Supports the transmission of extra-long packets up to 1.6KB
· IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
· Single-mode fiber with SC connector for transmission of up to 20km
· Supports low-time lag transmission

RJ45 to SC Fast Ethernet Media Converter
FVT-1103

· Supports the transmission of extra-long packets up to 1.6KB
· IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
· Single-mode fiber with SC connector for transmission of up to 40km
· Supports low-time lag transmission

RJ45 to SC Fast Ethernet Media Converter
FVT-1104

· Supports the transmission of extra-long packets up to 1.6KB
· IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
· Single-mode fiber with SC connector for transmission of up to 60km
· Supports low-time lag transmission

RJ45 to SC Fast Ethernet Media Converter
FVT-1105

- Supports the transmission of extra-long packets up to 1.6KB
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Single-mode fiber with SC connector for transmission of up to 80km
- Supports low-time lag transmission

RJ45 to SC Fast Ethernet Media Converter
FVT-1106

- Supports the transmission of extra-long packets up to 1.6KB
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Single-mode fiber with SC connector for transmission of up to 120km
- Supports low-time lag transmission

RJ45 to SC Fast Ethernet Media Converter
FVT-2001

- Transfers data from 10/100Base-TX copper to fiber interfaces
- Multi-mode fiber with SC connector for transmission of up to 2km
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Dip switches for customized configuration
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C to 55°C operating temperature range

RJ45 to ST Fast Ethernet Media Converter
FVT-2002

- Transfers data from 10/100Base-TX copper to fiber interfaces
- Multi-mode fiber with ST connector for transmission of up to 2km
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Dip switches for customized configuration
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C to 55°C operating temperature range

RJ45 to SC Fast Ethernet Media Converter
FVT-2201

- Transfers data from 10/100Base-TX copper to fiber interfaces
- Single-mode fiber with SC connector for transmission of up to 20km
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Dip switches for customized configuration
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C to 55°C operating temperature range

RJ45 to SC BIDI Fast Ethernet Media Converter Set
FVT-2202

- Transfers data from 10/100Base-TX copper to fiber interfaces
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- Dip switches for customized configuration
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C to 55°C operating temperature range
- Single-mode fiber with BIDI SC connector for transmission of up to 20km

RJ45 to SC Fast Ethernet Media Converter
FVT-2401

- Transfers data from 10/100Base-TX copper to fiber interfaces
- Single-mode fiber with SC connector for transmission of up to 40km
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Dip switches for customized configuration
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C to 55°C operating temperature range

RJ45 to SFP Managed Gigabit Media Converter
GVM-1000

- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Web-based and SNMP Management
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- Supports VLAN (tag-based, Q-in-Q)
- Support Operations, Administration, and Maintenance (OAM) mechanisms
- Transfers data from 10/100/1000Base-T copper to fiber interfaces

RJ45 to SC Managed Gigabit Media Converter
GVM-1101

- Multi-mode fiber with SC connector for transmission of up to 500m
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Web-based and SNMP Management
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- Supports VLAN (tag-based, Q-in-Q)
- Support Operations, Administration, and Maintenance (OAM) mechanisms

RJ45 to SC Managed Gigabit Media Converter
GVM-1220

- Single-mode fiber with SC connector for transmission of up to 20km
- Web-based and SNMP Management
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- Supports VLAN (tag-based, Q-in-Q)
- Support Operations, Administration, and Maintenance (OAM) mechanisms

Ultra-Slim RJ45 to SFP Gigabit Media Converter
GVT-1001

- 10/100/1000Base-T to 1000Base-X
- SFP slot for flexible long distance transmission
- USB powered for easy portability or used with the included power adaptor
- Plug-and-Play and auto-MDI/MDIX
- Lower jitter and Lower latency
- Ultra low power dissipation < 1.2W
- Support Jumbo frame 10Kbytes
- Support watchdog, automatically reboot if frozen

RJ45 to SFP Gigabit Media Converter
GVT-2000

- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- 9K jumbo frames to increase data transfer rates
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Dip switches for customized configuration
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C to 55°C operating temperature range

RJ45 to SC Gigabit Media Converter
GVT-2001

- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- 1000Base-SX Multi-mode fiber for the link up to 550m
- 9K jumbo frames to increase data transfer rates
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- Dip switches for customized configuration
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C to 55°C operating temperature range

RJ45 to SC Gigabit Media Converter
GVT-2002

- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- 9K jumbo frames to increase data transfer rates
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- Single-mode fiber with SC connector for transmission of up to 20km
- Dip switches for customized configuration
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C to 55°C operating temperature range

RJ45 to SFP Gigabit Media Converter
GVT-2010

- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- IEEE 802.3af PoE PD that can be powered by PoE PSE or external power supply
- 9K jumbo frames to increase data transfer rates
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C to 55°C operating temperature range

RJ45 to SFP Gigabit Media Converter Switch
GVT-2011

- 1 Gigabit Ethernet port and 2 Gigabit SFP slots
- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Supports low-time lag transmission
- -10°C to 55°C operating temperature range

RJ45 to SFP Gigabit Media Converter, PoE PSE
GVT-2012

- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- IEEE 802.3af/at PoE PSE with 30W power budget
- 9K jumbo frames to increase data transfer rates
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- IEEE 802.3z Gigabit Ethernet compliant

RJ45 to SFP+ 10-Gigabit Media Converter
GVT-0500

- Converts 10G fiber to 10G Base-T Ethernet
- Usable with all LevelOne SFP+ modules
- 9K jumbo frames to increase data transfer rates
- Supports low-time lag transmission
- Supports ITU-T DWDM/CWDM wavelengths
- Hot-swappable
- Quick and easy installation

Ethernet over VDSL2 Converter(Annex A)
VDS-1201

- Trellis coding support up to 1024 discrete multi-tone bins and 4 Dip Switches for configuration settings
- Low-Latency for Video/Voice/Data applications
- Supports a VDSL connection of up to 2km over single pair copper wire
- Features selectable Fast and Interleaved modes
- Selectable fixed data rate and fixed SNR margin

Ethernet over VDSL2 Converter(Annex B)
VDS-1202

- Trellis coding support up to 1024 discrete multi-tone bins and 4 Dip Switches for configuration settings
- Low-Latency for Video/Voice/Data applications
- Supports a VDSL connection of up to 2km over single pair copper wire
- Features selectable Fast and Interleaved modes
- Selectable fixed data rate and fixed SNR margin

Ethernet over VDSL2 Converter (BNC Connection)
VDS-1203

- Trellis coding support up to 1024 discrete multi-tone bins and 4 Dip Switches for configuration settings
- Low-Latency for Video/Voice/Data applications
- Features selectable Fast and Interleaved modes
- Selectable fixed data rate and fixed SNR margin
- Supports a VDSL connection of up to 2km over single coaxial cable

RJ45 to SFP Fast Ethernet Industrial Media Converter
IEC-4000

· Transfers data from 10/100Base-TX copper to fiber interfaces
· Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
· -40°C to 75°C operating temperature range
· Provides DIN-rail or panel mounting
· ESD and surge protection

RJ45 to SC Fast Ethernet Industrial Media Converter
IEC-4001

· Transfers data from 10/100Base-TX copper to fiber interfaces
· Multi-mode fiber with SC connector for transmission of up to 2km
· Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
· -40°C to 75°C operating temperature range
· Provides DIN-rail or panel mounting
· ESD and surge protection

RJ45 to ST Fast Ethernet Industrial Media Converter
IEC-4002

· Transfers data from 10/100Base-TX copper to fiber interfaces
· Multi-mode fiber with ST connector for transmission of up to 2km
· Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
· ESD and surge protection
· Provides DIN-rail or panel mounting
· -40°C to 75°C operating temperature range

RJ45 to SC Fast Ethernet Industrial Media Converter
IEC-4301

· Transfers data from 10/100Base-TX copper to fiber interfaces
· Single-mode fiber with SC connector for transmission of up to 30km
· Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
· Provides DIN-rail or panel mounting
· -40°C to 75°C operating temperature range
· ESD and surge protection

RJ45 to SFP Gigabit Industrial Media Converter
IEC-2000

· Complies with NEMA TS1/TS2 for traffic control equipment
· Complies with IEC61000-6-2 for industrial environment
· SFP slot supports pluggable Gigabit optic modules that enabling you to choose from a variety of transceiver
· DIP switch configuration for "Link-Fault-Pass-Through," link down alarm, speed, duplex mode
· 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
· Alarms for power and port link failure by relay output
· -40°C to 85°C operating temperature range
· IP30 aluminum case

RJ45 to SFP Gigabit Industrial PoE Media Converter
IGC-0101

· IEEE 802.3af/at PoE PSE with 30W power budget
· 9K jumbo frames to increase data transfer rates
· IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
· -40°C to 75°C operating temperature range
· Supports DIN-rail installation

RJ45 to SFP Gigabit Industrial Media Converter
IGC-0102

· 10/100/1000Mbps wire speed transmission and reception
· -40°C to 75°C operating temperature range
· 6KV surge protection level on each port
· ESD and surge protection
· Supports DDMI SFP transceiver
· Supports DIN-rail installation

PoE Injector
POI-2002

- Up to 15.4W of PoE Power
- Minimize the need for a bulky power adapter and power line
- Delivering power and data to equipment via a single Ethernet cable
- Internal power supply
- High safety with surge protection
- Remote power feeding up to 100 meters
- PnP, Light Weight and compact size
- Unique interlocking feature for easy installation

Gigabit PoE Injector, 802.3af PoE
POI-2001

- 10/100/1000Mbps wire speed transmission and reception
- IEEE 802.3af PoE PSE with 15.4W power budget
- Auto-detection and protection of non-standard PoE devices
- Unique interlocking feature for easy installation

Gigabit PoE Injector
POI-3000

- IEEE 802.3af/at PoE PSE with 30W power budget
- Auto-detection and protection of non-standard PoE devices
- Unique interlocking feature for easy installation
- 10/100/1000Mbps wire speed transmission and reception

Gigabit PoE Injector
POI-3004

- Remove the need for a bulky power adapter and power line
- Delivers power and data to equipment via a single Ethernet cable
- Remote power feeding up to 100m
- Unique interlocking feature for easy installation
- Surge protected to enhance safety
- Simple Plug and Play installation
- Compact, lightweight design
- Total PoE power budget: 30W, up to 30W per port

PoE Injector
POI-2012

- IEEE 802.3af/at PoE PSE with 15.4W power budget
- Remove the need for a bulky power adapter and power line
- Delivers power and data to equipment via a single Ethernet cable
- Built-in power supply
- Extends PoE connection for another 100 meters
- Unique interlocking feature for easy installation

Gigabit PoE Injector, 802.3at/af PoE
POI-3010

- IEEE 802.3af/at PoE PSE with 30W power budget
- Auto-detection and protection of non-standard PoE devices
- Unique interlocking feature for easy installation
- 10/100/1000Mbps wire speed transmission and reception

Gigabit PoE Injector
POI-3014

- Remove the need for a bulky power adapter and power line
- Delivers power and data to equipment via a single Ethernet cable
- Remote power feeding up to 100m
- Unique interlocking feature for easy installation
- Surge protected to enhance safety
- Simple Plug and Play installation
- Compact, lightweight design
- Total PoE power budget: 30W, up to 30W per port

Gigabit PoE Injector
POI-5001

- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Total PoE power budget: 60W, up to 60W per port

IEEE 802.3bt Gigabit Injector
POI-5002

- Up to 60W of PoE Power Feeding on 4-pairs
- IEEE 802.3bt Compliant
- IEEE 802.3at/af backward compatible
- Compatible with IEEE 802.3af or Legacy PoE applications
- Safe on Low Power Devices Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non–standard Ethernet Terminals
- Supports 10/100/1000Base-T LAN environment

Industrial Gigabit PoE Injector
IGP-0101

- PoE ports can support the IEEE 802.3at standard and power up 30W devices
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- -40°C to 75°C operating temperature range
- Provides DIN-rail, wall or desktop mounting
- IP30 metal case
- Redundant power inputs with Terminal Block

Industrial Gigabit POE Injector
IGP-0102

· Remove the need for a bulky power adapter and separate power line
· Delivers power and data to equipment via a single Ethernet cable
· Remote power feeding up to 100m
· Unique interlocking feature for easy installation
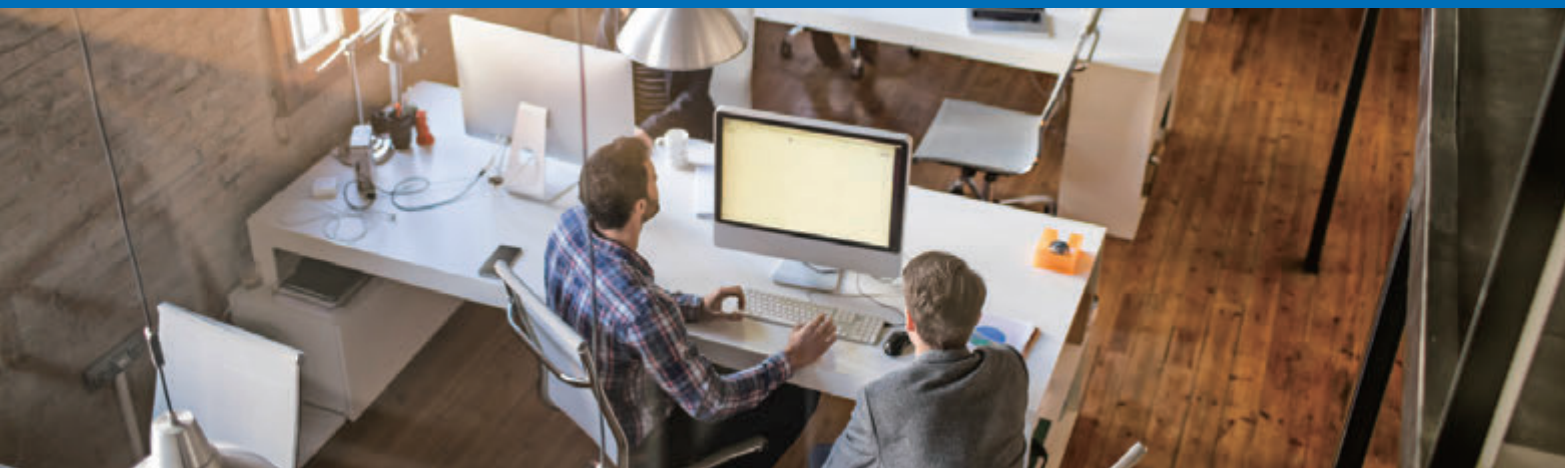· Total PoE power budget: 36W

PoE Injector
POI-4000

· 56 Watt High-Power PSE Power Injector
· Sends Power over Ethernet to remote devices
· Ethernet 100Mbps Wire Speed
· Simple to install-plug & play
· Power Protection: OCP, OVP

16-Port High Power PoE Midspan Hub
POH-1620

· Complies with IEEE802.3af,IEEE802.3at standard;
· Auto-detection for IEEE802.3af/at receiving end;
· Support 10/100/1000 Base-T application;
· Total PoE power budget: 400W, up to 30W per port
· Maximum transmission distance 100m

Fast Ethernet PoE Splitter
POS-1002

- IEEE 802.3af compliant
- Converts non-PoE devices with Power over Ethernet support
- DIP switch for 5V, 9V, and 12V adjustable output power
- Delivers power and data via a single Ethernet cable
- Eliminates the need for a bulky power adapter and powerline
- Compatible with Wireless Router, AP, Network Camera, Print Server, Converter
- Light weight and compact size
- Provides interchangeable tips

High Power PoE Gigabit Splitter
POS-3000

- Auto-detection and protection of non-standard PoE devices
- 10/100/1000Mbps wire speed transmission and reception
- Automatically detects PoE terminals and supplies inline power
- Intergrates Non-PoE devices with Power Over Ethernet support
- Safeguards network device with short circuit protection
- Reduce installation and network equipment costs
- Adjustable DIP switch for 5V, 12V, or 18V output
- Compact splitter supports Gigabit speeds

PoE Repeater
POR-0100

- Forwards 802.3af/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- No additional power supply required
- Simple Plug and Play installation
- Multiple PoE repeaters can be deployed by daisy chain to extend range

PoE Repeater
POR-0101

- Forwards 802.3af/802.3at/High-Power PoE to remote device
- Simple Plug and Play installation
- No additional power supply required

PoE Repeater
POR-0102

- Forwards 802.3af/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 PoE ports for PoE devices
- Simple Plug and Play installation
- No additional power supply required
- Multiple PoE repeaters can be deployed by daisy chain to extend range

PoE Repeater
POR-0103

- Forwards 802.3af/802.3at/High-Power PoE to remote device
- Built-in 2 PoE ports for PoE devices
- Simple Plug and Play installation
- No additional power supply required

PoE Repeater
POR-0200

- Forwards 802.3af/802.3at/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 output ports for 1 PoE and 1 non-PoE devices
- Simple Plug and Play installation
- No additional power supply required
- Multiple PoE repeaters can be deployed by daisy chain to extend range

PoE Repeater
POR-0202

- Forwards 802.3af/802.3at/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 PoE ports for PoE devices
- Simple Plug and Play installation
- No additional power supply required
- Multiple PoE repeaters can be deployed by daisy chain to extend range

Gigabit PoE Repeater
POR-0120

- Forwards 802.3af/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 output ports for 1 PoE and 1 non-PoE devices
- Simple Plug and Play installation
- No additional power supply required
- Multiple PoE repeaters can be deployed by daisy chain to extend range

Gigabit PoE Repeater
POR-0122

- Forwards 802.3af/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 PoE ports for PoE devices
- Simple Plug and Play installation
- No additional power supply required
- Multiple PoE repeaters can be deployed by daisy chain to extend range

Gigabit PoE Repeater
POR-0220

- Forwards 802.3af/802.3at/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 output ports for 1 PoE and 1 non-PoE devices
- Simple Plug and Play installation
- No additional power supply required
- Multiple PoE repeaters can be deployed by daisy chain to extend range

Gigabit PoE Repeater
POR-0222

- Forwards 802.3af/802.3at/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 PoE ports for PoE devices
- Simple Plug and Play installation
- No additional power supply required
- Multiple PoE repeaters can be deployed by daisy chain to extend range

PoE Repeater
POR-1100

- Forwards 802.3af/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Weatherproof IP65-rated housing
- No additional power supply required
- Simple Plug and Play installation
- Multiple PoE repeaters can be deployed by daisy chain to extend range

PoE Repeater
POR-1102

- Forwards 802.3af/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 PoE ports for PoE devices
- Weatherproof IP65-rated housing
- No additional power supply required
- Simple Plug and Play installation
- Multiple PoE repeaters can be deployed by daisy chain to extend range

PoE Repeater
POR-1200

- Forwards 802.3af/802.3at/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 output ports for 1 PoE and 1 non-PoE devices
- Weatherproof IP65-rated housing
- Simple Plug and Play installation
- No additional power supply required
- Multiple PoE repeaters can be deployed by daisy chain to extend range

PoE Repeater
POR-1202

- Forwards 802.3af/802.3at/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 PoE ports for PoE devices
- Weatherproof IP65-rated housing
- Simple Plug and Play installation
- No additional power supply required
- Multiple PoE repeaters can be deployed by daisy chain to extend range

Gigabit PoE Repeater
POR-1220

- Forwards 802.3af/802.3at/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 output ports for 1 PoE and 1 non-PoE devices
- 10/100/1000Mbps wire speed transmission and reception
- Weatherproof IP65-rated housing
- Multiple PoE repeaters can be deployed by daisy chain to extend range
- Simple Plug and Play installation, no additional power supply required

Gigabit PoE Repeater
POR-1222

- Forwards 802.3af/High-Power PoE to remote device
- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 PoE ports for PoE devices
- 10/100/1000Mbps wire speed transmission and reception
- Weatherproof IP65-rated housing
- Multiple PoE repeaters can be deployed by daisy chain to extend range
- Simple Plug and Play installation, no additional power supply required

PoE over Hybrid Cable Receiver, 1 PoE Output
PFE-1001R

PoE over Hybrid Cable Transmitter, 120W
PFE-1101T

PoE over Hybrid Cable Receiver, 4 PoE Outputs, Indoor/ Outdoor
PFE-1014R

- Extend data and power up to 2km via a single Hybrid Fiber Cable
- Enable PoE devices to distant remote location
- Supporting high power consumption devices (up to 60W at 450m link)
- Flexible installation option - 1 or 4 PoE output receivers selectable

PoE over 2-wire Transmitter
POT-0100

PoE over 2-wire Receiver
POT-0110

PoE over 2-wire Receiver
POT-1110

- Two-wire cables are used to connect 100Mbps Fast Ethernet PoE devices
- Maximum distance up to 400 meters for 24 AWG cable
- Maximum data rate up to 60 Mbps full duplex
- Remote PoE capability for PD devices of WiFi AP, IP camera, IP telephones
- Up to 15 Watts for remote PoE, Depending on PSE power
- Easy installation by indoor & outdoor different models
- Dip Switches for 2-wire line rate settings
- Auto MDIX for 10/100 Base T Ethernet LAN Ports
- Low-Latency for Video/Voice/Data applications
- IP65 Weatherproof (POT-1110)

2-Port USB VGA KVM Switch, audio support
KVM-0221

- Control and manage 2 computers by using a single USB keyboard, mouse and monitor
- Supports video resolutions up to 2048 x 1536
- Easy switching between computers with keyboard hotkeys/front panel push button
- Windows and Mac switching software support
- Self powered through USB connection
- Independent/simultaneous switching of PC and audio/mic channel
- Provides auto-scanning features and audio support

2-Port USB KVM Switch
KVM-0222

- Control and manage 2 computers by using a single USB keyboard, mouse and monitor
- Supports video resolutions up to 2048 x 1536
- Easy switching between computers with keyboard hotkeys/front panel push button
- Windows and Mac switching software support
- Self powered through USB connection
- Independent/simultaneous switching of PC and audio/mic channel

2-Port USB VGA Cable KVM Switch, audio support
KVM-0223

- 1 x wired QuickSwitch button for instant switching
- Control and manage 2 computers by using a single USB keyboard, mouse and monitor
- Windows and Mac switching software support
- USB 2.0 hub ports for keyboard, mouse or other high-speed USB devices
- VGA analog video up to 2048 x 1536 pixels
- Independent/simultaneous switching of PC and audio/mic channel
- User-definable hotkeys and universal hotkey for computer switching

2-Port USB DVI-D Single Link Cable KVM Switch, audio support
KVM-0260

- Supports high-video quality – DDC2B and 1920x1200 pixels
- Control and manage 2 computers by using a single USB keyboard, mouse and monitor
- Provides auto-scanning features and audio/microphone support
- Supports HDCP, High-Bandwidth Digital Content Protection
- Easy switching between computers with keyboard hotkeys
- Self powered through USB connection
- Simple Plug and Play installation

2-Port USB HDMI Cable KVM Switch
KVM-0290

- Supports high-video quality – DDC2B and 1920x1200 pixels
- Control and manage 2 computers by using a single USB keyboard, mouse and monitor
- Provides auto-scanning features
- Supports HDCP, High-Bandwidth Digital Content Protection
- Easy switching between computers with keyboard hotkeys
- Self powered through USB connection
- Simple Plug and Play installation

4-Port USB VGA KVM Switch, audio support
KVM-0421

- Control and manage 4 computers by using a single USB keyboard, mouse and monitor
- Supports video resolutions up to 2048 x 1536
- Easy switching between computers with keyboard hotkeys/ front panel push button
- Windows and Mac switching software support
- Self powered through USB connection
- Independent/simultaneous switching of PC and audio/mic channel
- Provides auto-scanning features and audio support

4-Port USB VGA KVM Switch
KVM-0422

- Control and manage 4 computers by using a single USB keyboard, mouse and monitor
- Supports video resolutions up to 2048 x 1536
- Easy switching between computers with keyboard hotkeys/ front panel push button
- Windows and Mac switching software support
- Self powered through USB connection
- Independent/simultaneous switching of PC and audio/mic channel
- Provides auto-scanning features and audio support

8-Port PS/2-USB VGA KVM Switch
KVM-0831

- Control and manage 8 computers or up to 120 computers via daisy chain function from a single location
- Supports video resolutions up to 1920 x 1440
- Built-in IP module slot for KVM-over-IP capability
- Provides auto-scanning features

16-Port PS/2-USB VGA KVM Switch
KVM-1631

- Control and manage 16 computers or up to 256 computers via daisy chain function from a single location
- Supports video resolutions up to 1920 x 1440
- Built-in IP module slot for KVM-over-IP capability
- Provides auto-scanning features

8-Port PS/2-USB VGA KVM Switch
KVM-3208

- Supports video resolutions up to 2048 x 1536
- Numerical LED display and LED indicators for easy bank/port status monitoring
- Autoscan period programmable 10 ~ 95 through OSD Menu option
- Control and manage 8 computers or up to 248 computers via daisy chain function
- Enhanced PS/2 mouse reset hotkeys for non-PnP OS such as Win NT 4.0 and Linux
- Buzzer sound for hotkey and port switching confirmation
- Password protection
- Active Sync Replication for DDC emulation
- Auto-logout timeout support

16-Port PS/2-USB VGA Switch
KVM-3216

- Supports video resolutions up to 2048 x 1536
- Numerical LED display and LED indicators for easy bank/port status monitoring
- Autoscan period programmable 10 ~ 95 through OSD Menu option
- Control and manage 16 computers or up to 256 computers via daisy chain function
- Enhanced PS/2 mouse reset hotkeys for non-PnP OS such as Win NT 4.0 and Linux
- Buzzer sound for hotkey and port switching confirmation
- Password protection
- Active Sync Replication for DDC emulation
- Auto-logout timeout support

ACC-3201/2/3/4
KVM CABLE FOR KVM-3208 KVM-3216

- KVM Cable for KVM-3208/KVM-3216 (1.8m, 3m, 5m, 7.5m)

19" Widescreen LCD KVM Rack Console

KVM-8901US (US KEYBOARD)
KVM-8901DE (DE KEYBOARD)
KVM-8901FR (FR KEYBOARD)
KVM-8901UK (UK KEYBOARD)
KVM-8901ES (ES KEYBOARD)

- Modular design for optional KVM switches, enabling management of up to 128 computers
- Dual Interface for PS/2 and USB keyboard/mouse
- Easy switching between computers with keyboard hotkeys/On Screen Display (OSD) menus
- Auto scan mode for non-stop monitoring of selected computer
- Password protection prevents unauthorized access

USB KVM Extender

KVM-9006

- A single, inexpensive Cat.5 or above UTP cable replaces bulky KVM cables
- Locate Cat.5 console up to 150m away from the KVM switch with superior auto-adjust RGB signals capability
- Collocate computers and servers on one location, ideal for hazardous or unsecured environments
- Switch computers by push button or hotkey commands
- Audible feedback when switching
- LED indicators for computer status or data transmission
- 3-in-1 space saving design
- Work with PS/2 or USB computer
- Easy to install and use with plug-and play functionality

12-Outlet Intelligent Power Distribution Unit
IPS-1201E   (200-240V AC)

- Hourly-based current statistics for analysis and diagnosis
- Alarms for power failure by relay output
- Management: web browser, SNMP, SSH and Hyper Terminal
- Network Security: TLS and SSH
- Power on/off control on each port
- Access Control: Access Control List (ACL) / RADIUS
- Power protection: overvoltage / overcurrent

24-Port PoE Surge Protector, 6KV, 30W
ESP-2400

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 6KV surge protection level on each port
- Complete protection against power surges for PoE devices
- Port isolation design prevents surge spread
- Remote power feeding up to 100m
- 19-inch rackmount kit included
- Simple Plug and Play installation

Parallel Print Server
FPS-1031

- Parallel print server for network print sharing
- Simple setup with user-friendly interface
- Support multiple network printing protocols
- Support multiple operating systems

USB Print Server
FPS-1032

- USB print server for network print sharing
- USB 2.0 interface
- Simple setup with user-friendly interface
- Support multiple network printing protocols
- Support multiple operating systems

Parallel/USB Print Server
FPS-1033

- Multi-Port print server for network print sharing
- USB 2.0 interface
- Simple setup with user-friendly interface
- Support multiple network printing protocols
- Support multiple operating systems

4-Channels Surveillance Kit
DSK-4001

- 4 x channels Analog Video input
- 2-Megapixel high-definition resolution
- One 3.5 disk slot supports disk capacity of up to 6TB
- Built-in infrared LEDs for night viewing up to 30m
- Compatible with HDTVI, AHD, HDCVI and CVBS analog cameras
- Supports iPhone/Android phone remote viewing over the Internet
- H.264 compression for efficient data transfer and storage
- Built-in USB port for backup, support mouse
- Weatherproof IP66-rated housing
- Supports VGA, HDMI output

8-Channels Surveillance Kit
DSK-8001

- 8 x channels Analog Video input
- 2-Megapixel high-definition resolution
- One 3.5 disk slot supports disk capacity of up to 6TB
- Built-in infrared LEDs for night viewing up to 30m
- Compatible with HDTVI, AHD, HDCVI and CVBS analog cameras
- Supports iPhone/Android phone remote viewing over the Internet
- H.264 compression for efficient data transfer and storage
- Built-in USB port for backup, support mouse
- Weatherproof IP66-rated housing
- Supports VGA, HDMI output

4-in-1 Fixed Dome CCTV Analog Camera
ACS-5302

- 1/3" CMOS image sensor
- 1080P FHD resolution
- Supports AHD, HDTVI, HDCVI and CVBS video formats
- Removable IR-cut filter for day and night surveillance
- Built-in infrared LEDs for night viewing up to 30m

4-in-1 Fixed CCTV Analog Camera
ACS-5602

- 1/3" CMOS image sensor
- 1080P FHD resolution
- Supports AHD, HDTVI, HDCVI and CVBS video formats
- Removable IR-cut filter for day and night surveillance
- Built-in infrared LEDs for night viewing up to 30m

IP SURVEILLANCE

GEMINI Fixed IP Network Camera
FCS-5059

- Weatherproof IP66-rated housing
- 2-Megapixel (1920 x 1080) high-definition resolution
- Video compression: H.264/MJPEG
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Built-in infrared LEDs for night viewing up to 30m
- Digital input/output (1DI/1DO) for sensor and alarm
- Power support: PoE (IEEE 802.3af)
- 2.8-12 mm adjustable Vari-focal length for wide angle surveillance
- Supports motion detection (Intrusion/camera tampering/line crossing) and event notification

GEMINI Zoom IP Network Camera
FCS-5096

- 60 fps High Frame Rate (HFR) video in 1080p
- Video compression: H.264, H.265
- Supports 4.3X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Vandal-proof IK10-rated housing
- Weatherproof IP67-rated housing
- Built-in infrared LEDs for night viewing up to 50m
- Built-in Micro SDHC/SDXC card slot for local storage

GEMINI Fixed IP Network Camera
FCS-5068

- 5-Megapixel high-definition resolution
- Video compression: H.264/MJPEG
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Built-in infrared LEDs for night viewing up to 30m
- Digital input/output (1DI/1DO) for sensor and alarm
- Power support: PoE (IEEE 802.3af)
- Weatherproof IP66-rated housing
- 2.8-12 mm adjustable Vari-focal length for wide angle surveillance

GEMINI Fixed IP Network Camera
FCS-5092 (5-MEGAPIXEL)

- 5/8-Megapixel high-definition resolution
- Video compression: H.264/H.265
- Built-in infrared LEDs for night viewing up to 50m
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Weatherproof IP67-rated housing
- Built-in Micro SDHC/SDXC card slot for local storage

GEMINI Fixed IP Network Camera
FCS-5201

- 2-Megapixel (1920 x 1080) high-definition resolution
- Video compression: H.264, H.265, MJPEG
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Supports IPv4/IPv6 network operation
- Removable IR-cut filter for day and night surveillance
- Built-in infrared LEDs for night viewing up to 30m
- Free surveillance and CMS (Central Management System) software packages with 64-channel license

GEMINI Fixed IP Network Camera
FCS-5202

- 4-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Built-in infrared LEDs for night viewing up to 30m
- Weatherproof IP67-rated housing

GEMINI Fixed IP Network Camera
FCS-5211

- 2-Megapixel (1920 x 1080) high-definition resolution
- Supports 4.3X optical zoom
- Video compression: H.264, H.265, MJPEG
- Built-in infrared LEDs for night viewing up to 50m
- Vandal-proof IK10-rated housing
- Digital input/output (1DI/1DO) for sensor and alarm
- Power support: PoE (IEEE 802.3af)
- Supports motion detection (Intrusion/camera tampering/line crossing) and event notification

GEMINI Fixed IP Network Camera
FCS-5212

- 6-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Supports 3 video streams simultaneously
- Supports 4.3X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Weatherproof IP67-rated housing
- Vandal-proof IK10-rated housing
- Built-in infrared LEDs for night viewing up to 50m
- Supports iPhone/Android phone remote viewing over the Internet

GEMINI Fixed IP Network Camera
FCS-5095

- 8-Megapixel high-definition resolution
- Video compression: H.264/H.265
- Supports 4.3X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Vandal-proof IK10-rated housing
- Weatherproof IP67-rated housing
- Built-in infrared LEDs for night viewing up to 50m
- Built-in Micro SDHC/SDXC card slot for local storage
- Dual power support: 12V DC/PoE (IEEE 802.3at)

HUBBLE Zoom IP Network Camera
FCS-5065

- 5-Megapixel high-definition resolution
- Supports 10X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Built-in infrared LEDs for night viewing up to 40m
- Removable IR-cut filter for day and night surveillance
- Built-in Micro SDHC/SDXC card slot for local storage
- Vandal-proof IK10-rated housing
- Weatherproof IP67-rated housing
- Video compression: H.264, MJPEG
- Dual power support: 12V DC/PoE (IEEE 802.3af)
- Free surveillance and CMS (Central Management System) software packages with 64-channel license

GEMINI Fixed Dome IP Network Camera
FCS-3073

- Weatherproof IP66-rated housing
- 2-Megapixel (1920 x 1080) high-definition resolution
- Video compression: H.264/MJPEG
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Removable IR-cut filter for day and night surveillance
- Supports IPv4/IPv6 network operation
- Vandal-proof IK10-rated housing
- Built-in Micro SD/SDHC card slot for local storage

GEMINI Fixed Dome IP Network Camera
FCS-4203

- 2-Megapixel (1920 x 1080) high-definition resolution
- Video compression: H.264/H.265/MJPEG
- Supports 4.3X optical zoom
- Built-in infrared LEDs for night viewing up to 30m
- Vandal-proof IK10-rated housing
- Power support: PoE (IEEE 802.3af)
- Built-in Micro SD/SDHC card slot for local storage
- Weatherproof IP67-rated housing

GEMINI Fixed IP Network Camera
FCS-3402

- 2-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Weatherproof IP67-rated housing
- Vandal-proof IK10-rated housing
- Built-in Micro SDHC/SDXC card slot for local storage
- Supports iPhone/Android phone remote viewing over the Internet

GEMINI Fixed Dome IP Network Camera
FCS-3403

- 4-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Built-in Micro SD/SDHC/SDXC card slot for local storage
- Built-in infrared LEDs for night viewing up to 30m
- Weatherproof IP67-rated housing
- Free surveillance and CMS (Central Management System) software packages with 64-channel license

GEMINI Fixed Dome IP Network Camera
FCS-3404

- 6-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Built-in infrared LEDs for night viewing up to 30m
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Weatherproof IP67-rated housing
- Power support: PoE (IEEE 802.3af)
- Free CMS (Central Management System) software with 64-channel license

GEMINI Fixed Dome IP Network Camera
FCS-3406

- 60 fps High Frame Rate (HFR) video in 1080p
- Video compression: H.264, H.265
- Supports 4.3X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Vandal-proof IK10-rated housing
- Weatherproof IP67-rated housing
- Built-in infrared LEDs for night viewing up to 30m
- Built-in Micro SDHC/SDXC card slot for local storage

HUBBLE Fixed Dome IP Network Camera
FCS-3082 (3-MEGAPIXEL)
FCS-3083 (5-MEGAPIXEL)

- 2.8-12 mm adjustable Vari-focal length for wide angle surveillance
- Weatherproof IP67-rated housing
- Built-in Micro SDHC/SDXC card slot for local storage
- 3/5-Megapixel high-definition resolution
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Vandal-proof IK10-rated housing
- Built-in infrared LEDs for night viewing up to 30m
- Removable IR-cut filter for day and night surveillance
- Video compression: H.264/MJPEG
- Power support: PoE (IEEE 802.3af)

HUBBLE Fixed Dome IP Network Camera
FCS-3304

- 3-Megapixel high-definition resolution
- Video compression: H.264/H.265
- Supports 4.3X optical zoom
- Vandal-proof IK10-rated housing
- Built-in infrared LEDs for night viewing up to 30m
- Weatherproof IP66-rated housing
- Dual power support: 12V DC/PoE (IEEE 802.3af)

HUBBLE Fixed Dome IP Network Camera
FCS-3306

- 3-Megapixel high-definition resolution
- Video compression: H.264/H.265
- Built-in infrared LEDs for night viewing up to 30m
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Vandal-proof IK10-rated housing
- Weatherproof IP68-rated housing

HUBBLE Fixed Dome IP Network Camera
FCS-3065

- Built-in Micro SDHC/SDXC card slot for local storage
- 5-Megapixel high-definition resolution
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Vandal-proof IK08-rated housing
- Video compression: H.264/MJPEG
- Power support: PoE (IEEE 802.3af)

GEMINI Fixed Dome IP Network Camera
FCS-3090

- 5-Megapixel high-definition resolution
- Video compression: H.264/H.265
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Built-in infrared LEDs for night viewing up to 30m
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Vandal-proof IK10-rated housing
- Built-in Micro SDHC/SDXC card slot for local storage
- Weatherproof IP67-rated housing

GEMINI Fixed Dome IP Network Camera
FCS-3097 (5-MEGAPIXEL)
FCS-3098 (8-MEGAPIXEL)

- 5/8-Megapixel high-definition resolution
- Video compression: H.264/H.265
- Supports 4.3X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Vandal-proof IK10-rated housing
- Weatherproof IP67-rated housing
- Built-in Micro SDHC/SDXC card slot for local storage
- Built-in infrared LEDs for night viewing up to 30m
- Dual power support: 12V DC/PoE (IEEE 802.3af)

HUBBLE Fixed Dome IP Network Camera
FCS-3307

- 5-Megapixel high-definition resolution
- Video compression: H.264/H.265
- Built-in infrared LEDs for night viewing up to 30m
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Weatherproof IP68-rated housing
- Vandal-proof IK10-rated housing
- Dual power support: 12V DC/PoE (IEEE 802.3af)

GEMINI Fixed Dome IP Network Camera
FCS-3096

- 8-Megapixel high-definition resolution
- Video compression: H.264/H.265
- Weatherproof IP67-rated housing
- Vandal-proof IK10-rated housing
- Built-in infrared LEDs for night viewing up to 50m
- Dual power support: 12V DC/PoE (IEEE 802.3af)

HUBBLE PTZ Dome IP Network Camera
FCS-4043

- 3-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Supports 350° pan, 180° tilt and 10X optical zoom
- Dual power support: 12V DC/PoE (IEEE 802.3af)
- Weatherproof IP67-rated housing
- Removable IR-cut filter for day and night surveillance
- Built-in Micro SDHC/SDXC card slot for local storage
- Free surveillance and CMS (Central Management System) software packages with 64-channel license

HUBBLE PTZ IP Network Camera
FCS-4048

- 2-Megapixel (1920 x 1080) high-definition resolution
- Video compression: H.264/MJPEG
- Supports 33X optical zoom
- Built-in infrared LEDs for night viewing up to 150m
- Weatherproof IP66-rated housing
- Vandal-proof IK10-rated housing
- 360° pan and 220° tilt movements allow for a wide range of monitoring angles
- Triple power support: 12V DC/24V AC/PoE (IEEE 802.3at 60W)

GEMINI PTZ IP Network Camera
FCS-4051

- 2-Megapixel (1920 x 1080) high-definition resolution
- Video compression: H.264/MJPEG
- Built-in infrared LEDs for night viewing up to 100m
- Built-in Micro SD/SDHC card slot for local storage
- Supports 20X optical zoom
- Dual power support: 12V DC/PoE (IEEE 802.3at)
- Weatherproof IP66-rated housing
- 360° pan and 105° tilt movements allow for a wide range of monitoring angles

GEMINI PT IP Network Camera
FCS-4103

- 4-Megapixel high-definition resolution
- Video compression: H.264/MJPEG
- Built-in Micro SD/SDHC card slot for local storage
- Built-in infrared LEDs for night viewing up to 10m
- Removable IR-cut filter for day and night surveillance
- Provides wireless speed up to 150Mbps
- Dual power support: 12V DC/PoE (IEEE 802.3af)
- 180° pan and 75° tilt movements allow for a wide range of monitoring angles

HUBBLE PTZ Dome IP Network Camera
FCS-4042

- 2-Megapixel (1920 x 1080) high-definition resolution
- 360° pan and 190° tilt movements allow for a wide range of monitoring angles
- Supports 30X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Features 3DNR (3-Dimension Noise Reduction) to produce extremely clear picture quality even under low light condition
- 3D privacy masks for private area protection
- Removable IR-cut filter for day and night surveillance
- Built-in Micro SDHC/SDXC card slot for local storage
- Dual power support: 24V AC/PoE (IEEE 802.3at)
- Weatherproof IP67-rated housing

PTZ IP Network Camera
FCS-4059

- 3-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Supports 30X optical zoom
- Built-in infrared LEDs for night viewing up to 200m
- Weatherproof IP66-rated housing
- Triple power support: 12V DC/24V AC/PoE (IEEE 802.3at 60W)
- 90° pan and 60° tilt movements allow for a wide range of monitoring angles

HUBBLE PTZ IP Network Camera
FCS-4080

- 5-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Supports 36X optical zoom
- Built-in infrared LEDs for night viewing up to 150m
- Weatherproof IP66-rated housing
- Vandal-proof IK10-rated housing

HUBBLE Panoramic Dome IP Network Camera
FCS-3094

- Built-in Micro SDHC/SDXC card slot for local storage
- 10-Megapixel high-definition resolution
- Offers various 360°/180° video modes for panoramic wide-angle surveillance
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Removable IR-cut filter for day and night surveillance
- Dual power support: 12V DC/PoE (IEEE 802.3af)
- Video compression: H.264/MJPEG

HUBBLE Network Video Recorder
NVR-1216 (16-CHANNEL)

- Free CMS (Central Management System) software with 64-channel license
- Supports video resolutions up to 10 megapixels
- Supports 4-Megapixel HDMI local display
- Live view of up to 4/9/16 channels
- 2 x 3.5" hard drive bays support disk capacity of up to 4TB
- Supports motion detection and event notification via e-mail or FTP
- Supports PTZ/preset point/preset sequence
- Motion detect and event display on e-map

GEMINI 4-Channel PoE Network Video Recorder
NVR-0504

- Video compression: H.264/H.265
- Supports 4k2k HDMI local display
- 1 x 3.5" hard drive bay supports disk capacity of up to 6TB
- Built-in 4 PoE ports for PoE devices
- Supports video resolutions up to 8 megapixels

GEMINI 8-Channel PoE Network Video Recorder
NVR-0508

- Supports video resolutions up to 8 megapixels
- Supports 4k2k HDMI local display
- Built-in 8 PoE ports for PoE devices
- 2 x 3.5" hard drive bays support disk capacity of up to 6TB
- Video compression: H.264/H.265/MPEG4
- Built

GEMINI 16-Channel Network Video Recorder
NVR-1316

- Supports video resolutions up to 12MP
- Video compression: H.264/H.265/MPEG4
- Supports 4k2k HDMI local display
- Display mode: Live view/playback/full screen
- 4 x 3.5" hard drive bays support disk capacity of up to 6TB

GEMINI 32-Channel Network Video Recorder
NVR-1332

- Supports video resolutions up to 12 megapixels
- Video compression: H.265, H.264, MPEG4
- Supports 4k2k HDMI local display
- 4 x 3.5" HDD bays support disk capacity of up to 8TB
- Display mode: Live view/playback/full screen
- Free CMS (Central Management System) software with 64-channel license

GEMINI 32-Channel Network Video Recorder
NVR-1334

- Video compression: H.264, H.265, MJPEG
- 12-Megapixel high-definition resolution
- Supports 1080p HDMI local display
- Supports PTZ/preset point/preset sequence
- Free CMS (Central Management System) software with 64-channel license

GEMINI 32-Channel Network Video Recorder
NVR-0732

- Supports video resolutions up to 12 megapixels
- Video compression: H.265, H.264, MPEG4
- Supports 4k2k HDMI local display
- Provides RAID (0/1/5/10) technology for advanced data security and improved performance
- 8 x 3.5" hard drive bays support disk capacity of up to 10TB

GEMINI 64-Channel Network Video Recorder
NVR-0764

- Supports video resolutions up to 12 megapixels
- Video compression: H.265, H.264, MPEG4
- Supports 4k2k HDMI local display
- Provides RAID (0/1/5/10) technology for advanced data security and improved performance
- 8 x 3.5" hard drive bays support disk capacity of up to 10TB

HUBBLE 200-Channel Network Video Recorder
NVR-5500

- Video compression: H.264/MPEG-4/MJPEG
- Provides RAID (0/1/5/6/10) technology for advanced data security and improved performance
- Supports 1080p HDMI local display
- Supports PTZ/preset point/preset sequence
- Motion detect and event display on e-map
- 8 x 3.5" hard drive bays support disk capacity of up to 6TB
- Free CMS (Central Management System) software with 64-channel license

4-Channel Video Encoder, 802.3af PoE
FCS-7004

- Supports 2 video streams simultaneously
- Video compression: H.264/MJPEG
- Dual power support: 12V DC/PoE (IEEE 802.3af)
- Built-in Micro SD/SDHC/SDXC card slot for local storage
- Supports RS-485/422 serial communication

Video Decoder
DSS-1000

- Supports video resolutions up to 10 megapixels
- Supports 1080p HDMI local display
- Live view of up to 16 channels
- BNC connector for analog video output
- Dual power support: 12V DC/PoE (IEEE 802.3af)
- VESA standards compliant

1-Channel BNC over Fiber Optic Extender Kit, 20km
AVF-1101

- Transmits analogue video signal over single fiber cable
- Uncompressed high quality video transmission
- Transmit up to 20 km without optical attenuation
- No RF interference or signal degradation over optical fiber
- No EMI and electromagnetic interference
- LED indicator status for instance system monitoring
- True Plug & Play design facilitates ease of installation
- -25°C to 75°C operating temperature range

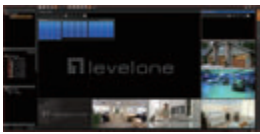## 4-Channel BNC over Fiber Optic Extender Kit, 20km
AVF-1401

- Transmits analogue video signal over single fiber cable
- Uncompressed high quality video transmission
- Transmit up to 20 km without optical attenuation
- No RF interference or signal degradation over optical fiber
- No EMI and electromagnetic interference
- LED indicator status for instance system monitoring
- True Plug & Play design facilitates ease of installation
- -25°C to 75°C operating temperature range

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8-Channel BNC over Fiber Optic Extender Kit, 20km
AVF-1801

· Transmits analogue video signal over single fiber cable
· Uncompressed high quality video transmission
· Transmit up to 20 km without optical attenuation
· No RF interference or signal degradation over optical fiber
· No EMI and electromagnetic interference
· LED indicator status for instance system monitoring
· True Plug & Play design facilitates ease of installation
· -25°C to 75°C operating temperature range

OneSecure Central Management System
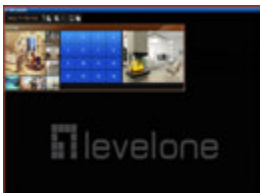#### FCS-9300

- Manage unlimited number of NVR servers
- Live view local up to 64 Channels
- Synchronized playback local up to 64 Channels
- Export video with RAW and AVI formats
- Event trigger, response and notification
- Mobile Client, Web Client, Workstation
- Location-based management with eMap
- TV Wall support by additional software license

OneSecure Surveillance Management Software
FCS-9364

- Free bundle 64 Channels. License fee is required to unlock additional channel - Maximum up to 100 Channels total.
- Recording up to 100 Channels
- Live view local up to 100 Channels, remote up to 100 Channels
- Event trigger, response and notification
- Mobile Client, Web Client, Workstation
- Location-based management with eMap

Central Management System
FCS-9310

- Deliver the true value of high megapixel cameras Support unlimited TV Wall Servers
- Support up to unlimited channels
- Layout: 1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64, Custom
- H/W Version: 1
- Flexible TV Wall server layout management, adjustable size and position
- Display e-Maps with camera icons and live view

DIGITAL SIGNAGE

HDMI over IP PoE Receiver
HVE-6501R

HDMI over IP PoE Transmitter
HVE-6501T

· Flexible and scalable HDMI 1080p High Quality Video Broadcasting with Gigabit Ethernet LAN
· Multicasting and broadcasting architecture, adding more displays without adding LAN bandwidth loading
· Transmits HDTV resolutions up to 1080p.
· Transmits an HDMI signal over one CAT5e/6/7 cable.
· HDMI 1.3b and HDCP compliant
· Support Point-to-Point, Point-to-Many and Many-to-Many network configuration
· Dual power input: 802.3af compliant PoE & DC5V
· Up to 16 transmitters and more than 200 receivers possible in a single system
· Multicasting group with Gigabit Ethernet switch via 802.1Q VLAN and IGMP
· Built-in DIP switch to change Group ID and Utility for remotely
· Multi-casting group with Gigabit Ethernet switch (required 802.1Q VLAN & IGMP function)
· RS-232 Control Pass-Thru to control HDMI display from transmitter side
· Plug and Play installation, free bundle utility for advance setting

HDMI Video Wall over IP PoE Receiver
HVE-6601R

HDMI Video Wall over IP PoE Transmitter
HVE-6601T

· Flexible and scalable HDMI 1080p Video Wall Broadcasting with Gigabit Ethernet LAN
· Multicasting and broadcasting architecture, adding more displays without adding LAN bandwidth loading
· Up to 8 transmitters and 64 receivers possible in a single Video Wall system
· Transmits HDTV resolutions up to 1080p.
· Transmits an HDMI signal over one CAT5e/6/7 cable.
· HDMI 1.3b and HDCP compliant
· Support Point-to-Point, Point-to-Many and Many-to-Many network configuration
· Dual power input: 802.3af compliant PoE & DC5V
· Multicasting group with Gigabit Ethernet switch (required 802.1Q VLAN & IGMP function)
· Built-in DIP switch to change Group ID and Utility for remotely
· RS-232 Control Pass-Thru to control HDMI display from transmitter side
· Plug and Play installation, free bundle utility for advance setting

HDSpider™ HDMI over Cat.5 Long Range Receiver
HVE-9000

HDSpider™ HDMI over Cat.5 Transmitter
HVE-9001

HDSpider™ HDMI over Cat.5 Transmitter with Local HDMI Output
HVE-9002

HDSpider™ HDMI over Cat.5 Transmitter, Cascadable
HVE-9003

HDSpider™ 4-Port HDMI over Cat.5 Transmitter
HVE-9004

HDSpider™ 8-Port HDMI over Cat.5 Transmitter
HVE-9008

HDSpider™ HDMI over Cat.5 Short Range Receiver
HVE-9900

· Works with Cat.5, Cat.5e, Cat.6Ethernet cable
· Transmission Distance of up to 60m for 1080i or 40m for 1080p
· Minimize the cable skew using 8-level adjustable equalization knob
· Provides Higher speed - 6.75Gbps
· HDMI deep color enables display with more natural and vivid colors
· HDMI 1.3c complaint

HDMI over Cat.5 Extender Kit
HVE-9005

- Support HDMI Deep Color & full 3D & 4K2K@30 (HDBaseT-Lite technology)
- Extend the transmission up to 60m (198ft) from the HDMI source at Full HD 1080p 48-bit and 40m (130ft) at 4K2K@30
- HDCP & EDID Bypass, CEC support, Auto equalization
- Pure unaltered uncompressed 7.1ch digital HDMI over Cat.5/5e/6 cable transmission
- DTS-HD Master Audio and Dolby TrueHD high bit rate audio support
- Support full frequency IR signal from 20KHz to 60KHz
- Bi-directional IR pass-through
- Wall mounting housing design for easy and robust installation

HVE-9006 HDMI over Cat.5/6 Extender kit
HVE-9006

- Transmission distance of up to 50m for 1080P resolution
- Simple Plug and Play installation
- Bi-Directional IR pass through
- Support full frequency IR signal from 20KHz to 60KHz

HVE-9007 HDMI over Cat.5/6 Extender kit
HVE-9007

- Transmission distance of up to 50m for 4k2k resolution
- Screw-in power socket for added safety
- Simple Plug and Play installation
- Bi-Directional IR pass through

HDMI over Cat.6 Extender kit with USB extension
HVE- 8110

- Transmission distance of up to 100m for 4k2k resolution, over single CAT6 cable.
- Bi-Directional IR pass through.
- Smart EDID management.
- USB connector for Keyboard and Mouse.
- Transmission distance of up to 50 m , over single CAT.5E cable.
- Simple Plug and Play installation.

HDMI over Cat.5 Extender Kit, 300m, 4K2K
HVE-9100

- Transmission distance of up to 300m for 1080P resolution
- HDMI outputs with EDID management
- Screw-in power socket for added safety

HDMI over Cat.5 Transmitter, HDBaseT, 100m, 4 Channel Outputs
HVE-9214T

· Simple Plug and Play installation
· Built-in EDID Hot Plug Detection (HPD)
· HDMI outputs with EDID management
· Transmission distance of up to 100m for HDMI(4k2k), IR and RS-232
· Bi-Directional RS-232 pass through and IR control
· Supports video resolutions up to 3840 x 2160 (4K x 2K) @ 30Hz
· HDMI and HDCP complaint
· Supports Dolby TrueHD, DTS-HD Master Audio, Dolby Digital Plus, LPCM 7.1 audio
· Supports 3D, CEC & Lip Sync pass-through
· Screw-in power socket for added safety

HDMI over Cat.5 Extender Kit, HDBaseT, 100m
HVE-9200

HDMI over Cat.5 Extender Kit, HDBaseT, 100m, 802.3af PoE
HVE-9200P

HDMI over Cat.5 Receiver, HDBaseT, 100m, 802.3af PoE
HVE-9211PR

HDMI over Cat.5 Receiver, HDBaseT, 100m
HVE-9211R

HDMI over Cat.5 Transmitter, HDBaseT, 100m, 4 Channel Outputs, 802.3af PoE
HVE-9214PT

· IEEE 802.3af PoE compliant to simplify deployment and installation
· Simple Plug and Play installation
· Built-in EDID Hot Plug Detection (HPD)
· HDMI outputs with EDID management
· Transmission distance of up to 100m for HDMI(4k2k), IR and RS-232
· Bi-Directional RS-232 pass through and IR control
· Supports video resolutions up to 3840 x 2160 (4K x 2K) @ 30Hz
· HDMI and HDCP complaint
· Supports Dolby TrueHD, DTS-HD Master Audio, Dolby Digital Plus, LPCM 7.1 audio
· Supports 3D, CEC & Lip Sync pass-through
· Screw-in power socket for added safety

ACCESSORY

Varifocal Lens, Megapixel, 2.7-10mm
CAS-1300

- Megapixel 1/3" CCD high-definition (HD) resolution
- 2.7-10 mm adjustable Vari-focal length for wide angle surveillance
- F-1.4 Auto-iris automatic lighting control for high image quality
- Provides IR correction feature suitable for day and night viewing

Varifocal Lens
CAS-1400

- 2-Megapixel (1600 x 1200) high-definition resolution
- 2.8-12 mm adjustable Vari-focal length for wide angle surveillance
- F-1.4 Auto-iris automatic lighting control for high image quality
- Provides IR correction feature suitable for day and night viewing

10Gbps SFP+ Direct Attach Copper Cable, Twinax

DAC-0101 (1M)
DAC-0103 (3M)
DAC-0105 (5M)

- Support for multi-gigabit data rates up to 10.5Gbps
- Data rates backward compatible to 1Gbps
- Hot-pluggable SFP 20PIN footprint
- I/O Connector designed for high speed differential signal applications
- Improved Pluggable Form Factor(IPF) compliant for enhanced EMI/EMC performance
- Compatible to SFP+ MSA
- Temperature Range: 0~ 70 °C
- RoHS Compatible

1.25Gbps Multi-mode SFP Transceiver, 550m

GVT-0300

- 850nm
- 1000Base-SX Multi-mode fiber for the link up to 550m
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode SFP Transceiver, 10km

GVT-0301

- 1310nm
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode SFP Transceiver, 80km

GVT-0302

- 1550nm
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

155Mbps Multi-mode 155Mbps Single- SFP transceiver, 2km
SFP-1101

- 850nm FP Laser Diode
- 100Base-FX Multi-mode fiber for the link up to 2km
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

155Mbps Single-mode SFP Transceiver, 20km
SFP-1311

- 1310nm FP Laser Diode
- 100Base-FX Single-mode fiber for the link up to 20km
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

155Mbps Single-mode SFP Transceiver, 40km
SFP-1411

- 1310nm
- 100Base-FX Single-mode fiber for the link up to 40km
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

1.25Gbps Multi-mode SFP Transceiver, 550m
SFP-3001

- 850nm FP Laser Diode
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring
- Provides duplex LC connector
- 3.3V Single power supply
- IEEE 802.3z Gigabit Ethernet compliant
- Hot-swappable
- RoHS compliant and Lead Free
- Operating temperature: 0°C to 70°C

1.25Gbps Multi-mode SFP Transceiver, 2km
SFP-3111

- 1310nm FP Laser Diode
- 1.25Gbps Bi-directional single fiber link
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

1.25Gbps Single-mode SFP Transceiver, 20km
SFP-3211

- 1310nm FP Laser Diode
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides duplex LC connector
- 3.3V Single power supply
- IEEE 802.3z Gigabit Ethernet compliant
- RoHS compliant and Lead Free
- Operating temperature: 0°C to 70°C

1.25gbps Single-mode SFP Transceiver, 40km
SFP-3411

- 1310nm FP Laser Diode
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring
- IEEE 802.3z Gigabit Ethernet compliant
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- Provides duplex LC connector
- RoHS compliant and Lead Free

1.25Gbps Single-mode SFP Transceiver
SFP-3611 (80KM)
SFP-3711 (120KM)

- 1550nm DFB Laser Diode
- 1.25Gbps Bi-directional single fiber link
- IEEE 802.3z Gigabit Ethernet compliant
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

1.25Gbps Copper SFP Transceiver, 100m, RJ45
SFP-3841

- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring
- Operating temperature: 0°C to 70°C
- RoHS compliant and Lead Free
- Hot-swappable

10Gbps Copper SFP+ Transceiver, 30m, RJ45
SFP-6601

- Transfers data from 10GBase-T copper to fiber interfaces
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free

10Gbps Multi-mode SFP+ Transceiver, 300m, 850nm
SFP-6101

- High-quality 10Gbase short range SFP-Plus transceiver
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

10Gbps Single-mode SFP+ Transceiver, 10km, 1310nm
SFP-6121

- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

10Gbps Single-mode SFP+ Transceiver, 40km, 1550nm
SFP-6141

- High-quality 10gbase Long range SFP-Plus transceiver
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

10Gbps Single-mode SFP+ Transceiver, 80km, 1550nm
SFP-6181

- 1550nm FP Laser Diode
- High-quality 10Gbase Long range SFP-Plus transceiver
- compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Provides duplex Lc connector
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports digital diagnostics Monitoring Interface (DDMI) for easy status monitoring

155Mbps Single-mode BIDI SFP Transceiver, 20km
SFP-7321

- TX 1310nm / RX 1550nm
- 100Base-FX Single-mode fiber for the link up to 20km
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

155Mbps Single-mode BIDI SFP Transceiver, 20km
SFP-7331

- TX 1550nm / RX 1310nm
- 100Base-FX Single-mode fiber for the link up to 20km
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

155Mbps Single-mode BIDI SFP Transceiver, 40km
SFP-7421

- TX 1310nm / RX 1550nm
- 100Base-FX Single-mode fiber for the link up to 40km
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

155Mbps Single-mode BIDI SFP Transceiver, 40km
SFP-7431

- TX 1550nm / RX 1310nm
- 100Base-FX Single-mode fiber for the link up to 40km
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

1.25Gbps Single-mode BIDI SFP Transceiver, 10km
SFP-9221

- TX 1310nm / RX 1550nm
- 1.25Gbps Bi-directional single fiber link
- IEEE 802.3z Gigabit Ethernet compliant
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

1.25Gbps Single-mode BIDI SFP Transceiver, 10km
SFP-9231

- TX 1550nm / RX 1310nm
- 1.25Gbps Bi-directional single fiber link
- IEEE 802.3z Gigabit Ethernet compliant
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

1.25Gbps Single-mode BIDI SFP Transceiver, 20km
SFP-9321

- TX 1310nm / RX 1550nm
- 1.25Gbps Bi-directional single fiber link
- IEEE 802.3z Gigabit Ethernet compliant
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

1.25Gbps Single-mode BIDI SFP Transceiver, 20km
SFP-9331

- TX 1550nm / RX 1310nm
- 1.25Gbps Bi-directional single fiber link
- IEEE 802.3z Gigabit Ethernet compliant
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

1.25Gbps Single-mode BIDI SFP Transceiver, 40km
SFP-9421

- TX 1310nm / RX 1550nm
- 1.25Gbps Bi-directional single fiber link
- IEEE 802.3z Gigabit Ethernet compliant
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

1.25Gbps Single-mode BIDI SFP Transceiver, 40km
SFP-9431

- TX 1550nm / RX 1310nm
- 1.25Gbps Bi-directional single fiber link
- IEEE 802.3z Gigabit Ethernet compliant
- Provides duplex LC connector
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Supports Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring

10Gbps Single-mode BIDI SFP+ Transceiver, 10km
SFP-6421

- TX 1270nm / RX 1330nm
- 10Gbps Bi-directional single fiber link
- Compliant with IEEE 802.3ae 10GBase-LR, 10GBase-LW standards
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

10Gbps Single-mode BIDI SFP+ Transceiver, 20km
SFP-6431

- TX 1270nm / RX 1330nm
- 10Gbps Bi-directional single fiber link
- Compliant with IEEE 802.3ae 10GBase-LR, 10GBase-LW standards
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

10Gbps Single-mode BIDI SFP+ Transceiver, 40km
SFP-6441

- TX 1270nm / RX 1330nm
- 10Gbps Bi-directional single fiber link
- Compliant with IEEE 802.3ae 10GBase-LR, 10GBase-LW standards
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

10Gbps Single-mode BIDI SFP+ Transceiver, 60km
SFP-6451

- TX 1270nm / RX 1330nm
- 10Gbps Bi-directional single fiber link
- Compliant with IEEE 802.3ae 10GBase-LR, 10GBase-LW standards
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

10Gbps Single-mode BIDI SFP+ Transceiver, 10km
SFP-6521

- TX 1330nm / RX 1270nm
- 10Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Compliant with IEEE 802.3ae 10GBase-LR, 10GBase-LW standards
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free

10Gbps Single-mode BIDI SFP+ Transceiver, 20km
SFP-6531

- TX 1330nm / RX 1270nm
- 10Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Compliant with IEEE 802.3ae 10GBase-LR, 10GBase-LW standards
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free

10Gbps Single-mode BIDI SFP+ Transceiver, 40km
SPF-6541

- TX 1330nm / RX 1270nm
- 10Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Compliant with IEEE 802.3ae 10GBase-LR, 10GBase-LW standards
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free

10Gbps Single-mode BIDI SFP+ Transceiver, 60km
SPF-6551

- TX 1330nm / RX 1270nm
- 10Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Compliant with IEEE 802.3ae 10GBase-LR, 10GBase-LW standards
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free

10Gbps Single-mode XFP Transceiver, 10km
XFP-5211

- 10Gbps serial optical interface compliant to 802.3ae
- Uncooled 1310nm DFB transmitter and Pin photodiode receiver
- XFI High Speed Electrical Interface
- 2-wire interface for management and digital diagnostic monitor
- Operating case temperature: -5°C~75°C
- All-metal housing for superior EMI performance
- Advanced firmware allows customer system encryption information to be stored in transceiver

10Gbps Multi-mode XFP Transceiver, 300m
XFP-5901

- Hot Pluggable
- XFI Electrical interface
- Operating case temperature: -5°C ~75°C
- Optical interface compliant to IEEE802.3ae
- 850nm VCSEL transmitter, PIN photo-detector
- All-metal housing for superior EMI performance
- Advanced firmware allow customer system encryption information to be stored in transceiver
- No reference clock needed

40Gbps QSFP+ Active Optical Cable
AOC-0301(1M)
AOC-0302(2M)
AOC-0303(3M)

- Data rates of up to 40Gbps
- Compliant with 40GBASE-SR4 standards
- Supports QDR/DDR 4x link bandwidth
- Compliant with QSFP+ Multi-Sourcing Agreement (MSA) standards
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service

100Gbps QSFP28 Active Optical Cable
AOC-0501(1M)
AOC-0502(2M)
AOC-0503(3M)

- Data rates of up to 100Gbps
- Compliant with 100GBASE-SR4 standards
- Supports EDR 4x link bandwidth
- Compliant with QSFP28 Multi-Sourcing Agreement (MSA) standards
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service

155Mbps Multi-mode Industrial SFP Transceiver, 2km
SFP-2100

- 850nm
- 100Base-FX Multi-mode fiber for the link up to 2km
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

155Mbps Multi-mode Industrial SFP Transceiver, 2km
SFP-2200

- 1310nm
- 100Base-FX Multi-mode fiber for the link up to 2km
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

155Mbps Single-mode Industrial SFP Transceiver
SFP-2230 (30KM)
SFP-2260 (60KM)
SFP-2280 (80KM)

- 1310nm
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

155Mbps Single-mode Industrial SFP Transceiver
SFP-2300 (20KM)
SFP-2310 (100KM)
SFP-2320 (120KM)

- 1310nm
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Multi-mode Industrial SFP Transceiver, 550m
SFP-4200

- 1550nm
- 1000Base-SX Multi-mode fiber for the link up to 550m
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode Industrial SFP Transceiver
SFP-4210 (10KM)
SFP-4240 (40KM)

- 1310nm
- IEEE 802.3z Gigabit Ethernet compliant
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode Industrial SFP Transceiver, 80km, 1550nm, -40°C to 85°C
SFP-4270

- 1550nm
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode BIDI Industrial SFP Transceiver, 10km
SFP-4310

- TX 1310nm / RX 1550nm
- 1.25Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides simplex LC connector
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode BIDI Industrial SFP Transceiver, 10km
SFP-4320

- TX 1550nm / RX 1310nm
- 1.25Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides simplex LC connector
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode BIDI Industrial SFP Transceiver, 20km, , -40°C to 85°C
SFP-4330

- TX 1310nm / RX 1550nm
- 1.25Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides simplex LC connector
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode BIDI Industrial SFP Transceiver, 20km
SFP-4340

- TX 1550nm / RX 1310nm
- 1.25Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides simplex LC connector
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode BIDI Industrial SFP Transceiver, 40km
SFP-4350

- TX 1310nm / RX 1550nm
- 1.25Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides simplex LC connector
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode BIDI Industrial SFP Transceiver, 40km
SFP-4360

- TX 1550nm / RX 1310nm
- 1.25Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides simplex LC connector
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode BIDI Industrial SFP Transceiver, 60km, , -40°C to 85°C
SFP-4370

- TX 1310nm / RX 1550nm
- 1.25Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides simplex LC connector
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

1.25Gbps Single-mode BIDI Industrial SFP Transceiver, 60km, , -40°C to 85°C
SFP-4380

- TX 1550nm / RX 1310nm
- 1.25Gbps Bi-directional single fiber link
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides simplex LC connector
- -40°C to 85°C operating temperature range
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

9dBi 2.4GHz Omni-directional Outdoor Antenna
OAN-2090

- IEEE 802.11 b/g/n application in 2.4GHz Frequency Range
- Omni-directional operation provides extended point to multi-point coverage

12dBi 2.4GHz Omnidirectional Antenna
OAN-2121

- For IEEE 802.11b/g/n Wireless applications in 2.4GHz frequency range
- Provides 12dBi omnidirectional operation
- Low wind loading
- -30°C to 60°C operating temperature range

10dBi 5GHz Omnidirectional Antenna
OAN-4102

- For IEEE 802.11a/n/ac Wireless applications in 5 GHz frequency range
- Provides 10dBi omnidirectional operation
- Low wind loading
- -30°C to 60°C operating temperature range

12dBi 5GHz Omnidirectional Antenna
OAN-4121

- For IEEE 802.11a/n/ac Wireless applications in 5 GHz frequency range
- Provides 12dBi omnidirectional operation
- Low wind loading
- -30°C to 60°C operating temperature range

5dBi/8dBi 2.4GHz/ 5GHz Dual Band Omnidirectional Antenna
OAN-4058

- Provides 5dBi/8dBi omnidirectional operation
- For IEEE 802.11a/b/g/n/ac Wireless applications in 2.4/5 GHz frequency range
- Low wind loading
- -30°C to 60°C operating temperature range

12dBi 2.4GHz Directional Panel Antenna
WAN-2121

- Provides 12dBi directional operation
- Directional operation provides extended point to point coverage
- For IEEE 802.11b/g/n Wireless applications in 2.4GHz frequency range
- Low wind loading

18dBi 2.4GHz Directional Panel Antenna
WAN-2182

- Provides 18dBi directional operation
- Directional operation provides extended point to point coverage
- For IEEE 802.11b/g/n Wireless applications in 2.4GHz frequency range
- Low wind loading
- -30°C to 60°C operating temperature range

20dBi 2.4GHz Directional Panel Antenna
WAN-2201

- Provides 20dBi directional operation
- Directional operation provides extended point to point coverage
- For IEEE 802.11b/g/n Wireless applications in 2.4GHz frequency range
- Low wind loading
- -30°C to 60°C operating temperature range

20dBi 5GHz Directional Panel Antenna
WAN-4201

- Provides 20dBi directional operation
- Directional operation provides extended point to point coverage
- For IEEE 802.11a/n/ac Wireless applications in 5 GHz frequency range
- Low wind loading
- -30°C to 60°C operating temperature range

15dBi 2.4GHz Directional Dual-Polarization Panel Antenna
WAN-7151

- Provides 15dBi directional operation
- For IEEE 802.11b/g/n Wireless applications in 2.4GHz frequency range
- Directional operation provides extended point to point coverage
- Dual-Polarization to avoid interference
- Low wind loading
- -30°C to 60°C operating temperature range

15dBi 5GHz Directional Dual-Polarization Panel Antenna
WAN-9151

- Provides 15dBi directional operation
- Directional operation provides extended point to point coverage
- For IEEE 802.11a/n/ac Wireless applications in 5 GHz frequency range
- Dual-Polarization to avoid interference
- Low wind loading

18dBi 5GHz Directional Dual-Polarization Outdoor Panel Antenna
WAN-9180

- Operates in 5GHz band, according to IEEE 802.11a/n specifications
- Antenna diversity at 18dBi high gain performance
- Dual-Polarization to avoid interference
- Easy to install on the wall surface
- Wideband frequency performance enables future growth and increases flexibility

Antenna Cable
ANC-4110 (1M)
ANC-4150 (5M)

- N male to N male
- Heat shrink tubing on both ends for wire insulation and protection
- CFD-400 low loss coaxial cable

24V DC Industrial Power Supply
POW-2411

- 30W, DIN-Rail
- Universal AC Input at Full Range
- Short Circuit, Overload / Over Voltage Protection
- Fanless Design
- Supports DIN-rail installation
- Isolation Class II
- 100% Full Load Burn-in Test

24V DC Industrial Power Supply
POW-2421

- 60W, DIN-Rail
- Universal AC Input at Full Range
- Short Circuit, Overload / Over Voltage Protection
- Fanless Design
- Supports DIN-rail installation
- Isolation Class II
- 100% Full Load Burn-in Test
- UL 508 approval

24V DC Industrial Power Supply
POW-2431

- 75W, DIN-Rail
- Universal AC Input at Full Range
- Short Circuit, Overload / Over Voltage Protection
- Fanless Design
- Supports DIN-rail installation
- Isolation Class II
- 100% Full Load Burn-in Test
- UL 508 approval

24V DC Industrial Power Supply
POW-2441

- 120W, DIN-Rail
- Universal AC Input at Full Range
- Short Circuit, Overload / Over Voltage Protection
- Fanless Design
- Supports DIN-rail installation
- Isolation Class II
- 100% Full Load Burn-in Test
- UL 508 approval

48V DC Industrial Power Supply
POW-4821

- 75W, DIN-Rail, PoE Ready
- Universal AC Input at Full Range
- Short Circuit, Overload / Over Voltage Protection
- Fanless Design
- Supports DIN-rail installation
- 100% Full Load Burn-in Test
- UL 508 approval

48V DC Industrial Power Supply
POW-4841

- 120W, DIN-Rail, PoE Ready
- Universal AC Input at Full Range
- Short Circuit, Overload / Over Voltage Protection
- Fanless Design
- Supports DIN-rail installation
- UL 508 approval

48V DC Industrial Power Supply
POW-4851

- 240W, DIN-Rail, PoE Ready
- Universal AC Input at Full Range
- Short Circuit, Overload / Over Voltage Protection
- Fanless Design
- Supports DIN-rail installation
- 100% Full Load Burn-in Test
- UL 508 approval

48V DC Industrial Power Supply
POW-4861

- 480W, DIN-Rail, PoE Ready
- Universal AC Input at Full Range
- Short Circuit, Overload / Over Voltage Protection
- Fanless Design
- Supports DIN-rail installation
- 100% Full Load Burn-in Test
- UL 508 approval

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