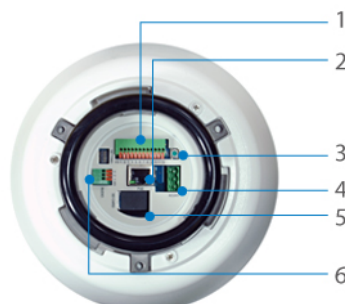![LevelOne logo]

FCS-4041 Version: 1

PTZ Dome Network Camera, 2-Megapixel, Outdoor, 802.3at PoE+, Day & Night, 18x Optical Zoom, WDR

LevelOne FCS-4041 is the superb performance speed dome network camera offering 2-Megapixel or 1080P resolution with superb image quality. Adopting 18x optical zoom lens and 1/2.8" Sony Progressive Scan CMOS sensor. The IP66-rated housing protects the camera body against rain and dust and the wide temperature range (-40°C ~ 50°C) It is especially suitable for monitoring wide open indoor/outdoor spaces such as airports, highways and parking lots where high-level reliability and precision are always required.

2-Megapixel with H.264&MJPEG compressionThe FCS-4041 supports high-performance H.264/MJPEG compression technology and offers extra smooth video quality with resolution up to 30 fps @ 1080p, 60 fps @ 720p.
 Powerful, feature rich IP Network CameraThe FCS-4041 offers users the most advanced features, includes WDR, Digital Noise Reduction, PoE-Plus(30W), SD/SDHC card slot, dual-codec, dual-stream, two-way audio, digital I/O, 802.1X authentication for network protection, Users can easily control the lens position via a mouse or a joystick to track the object of interest and set up to 256 preset positions for patrolling.

1. ALARM I/O
2. RJ-45 Connector
3. Factory Reset Button
4. Power
5. Micro SD Card Slot
6. Audio I/O

Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Supports 360° pan, 190° tilt and 18x optical zoom
- Weatherproof IP66-rated with wide operating temperature (-40°C to 50°C) for harsh environments

- 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
- Dual power support: 24VAC/PoE (IEEE 802.3af/at)
- Built-in Micro SD/SDHC card slot for local storage
- Free 64-channel monitoring software included (supports iCamSecure App)

Highlight

Exceptional Image Quality
With built-in 3DNR (3–Dimension Noise Reduction) and WDR (Wide Dynamic Range) technology, the camera is able to filter the intense backlight surrounding a subject and remove noises from video signal. The result is that an extremely clear and exquisite picture quality can be produced even under any challenging lighting conditions.

Free bundled 64-channel Management Software
We aim to offer you the most versatile and comprehensive surveillance solutions. Our free IP CamSecure software coming allows you to monitor up to 64 IP cameras simultaneously on one screen to enhance scalability. For added convenience and flexibility, the software includes various advanced features such as scheduling recording, event alert, and heaps more. In addition, simply install our free iCamSecure App to your smartphone and connect to the PC with IP CamSecure software installed, you will easily turn your iPhone/Android smartphone into a portable surveillance system for real-time monitoring and snapshot.

Works With

FSW-0513
5-Port Fast Ethernet PoE Switch, 4 PoE Outputs, 120W

Specifications

System Specifications

Standards & Protocols:
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3af Power over Ethernet (PoE)
IEEE 802.3at Power over Ethernet (PoE+)
IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP,
FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, IEEE 802.1x, IEEE 802.3at

Image Sensor:
2-Megapixel 1/2.8" Progressive Scan CMOS

Connectors and Cabling:
1 x RJ-45 10/100 Mbps PoE plus port

Modularity:
1 x MicroSDHC card slot

Indicator:
System power and status indicator
System activity and network link indicator

Lens:
Auto-iris, Auto focus, f = 4.7 ~ 84.6 mm, F1.6 (wide), F2.8(tele), focus range: 1 m (wide), 1m (tele) to infinity

IR Cut Filter:
Removable infrared-cut filter for day & night function

Shutter Time:
1/30 sec. to 1/30,000 sec. (NTSC)
1/25 sec. to 1/30,000 sec. (PAL)

Angle of View:
55.2°(wide) ~ 5.2° (tele) (horizontal)

Pan/Tilt/Zoom:
Pan Travel: 360° endless
Tilt Travel:-10° ~ 190°
Optical Zoom: 18x
Pan speed: 9 ~ 87sec
Tilt speed: 4.2 ~ 45 sec
Auto pan mode
Auto patrol mode

Video Compression:
H.264 / MJPEG

Resolution:
2M (1920x1080)

Video Format:
AVI

Audio Compression:
G.711/G.726

Power:
PoE-Plus 802.3at / 24VAC (Heater needs powered by 24VAC)
Power consumption: Max. 65W (with heater on)

Features

General:
QoS
Alarm and Event Management:
- Up to 10 of motion detection zone
- Four D/I and two D/O for external sensor and alarm
- Event notification using HTTP, SMTP or FTP

Video:
Adjustable image size, quality and bit rate
Time stamp and text caption overlay
Flip / Mirror / Inverse / Portrait image
Configurable brightness, contrast, saturation, sharpness, white balance and exposure
AGC, AWB, WDR(Wide Dynamic Range), BLC(Backlight Compensation)
Supports 3D Privacy Masks
Digital Slow Shutter and 2D/3D Noise Reduction
Streaming: Up to 2 video streams

Audio:
Streaming: 2-way audio
Input/Output: Mic/line input, line output

Performance

Number of Clients:
20

Storage Capacity:
SD/MicroSD memory card of up to 32GB

Frame Rate:
1920x1080 @ 30/25 fps; 1280x720 @ 60/50 fps

Minimum illumination:
Color: 0.3 lus at F1.6
0.04 Lux / F1.6 (B/W)

Environment

Temperature (°C):
Operating:
-40°C ~ 50°C (24VAC input, heater and fan workable)
0°C ~ 40°C (PoE-Plus input, heater and fan unworkable)

Humidity (Non-condensing):
Operating: 10% ~ 85%

Physical Specifications

Dimensions (W x D x H mm):
192 x 282 x 192 mm

Weight (g):
2320 g

Enclosure:
Weather proof IP66-rated housing

Others

Approval and Compliance:
CE, RoHS, FCC, RoHS, ONVIF

Deployment:
Wall Mount

Operation Systems:
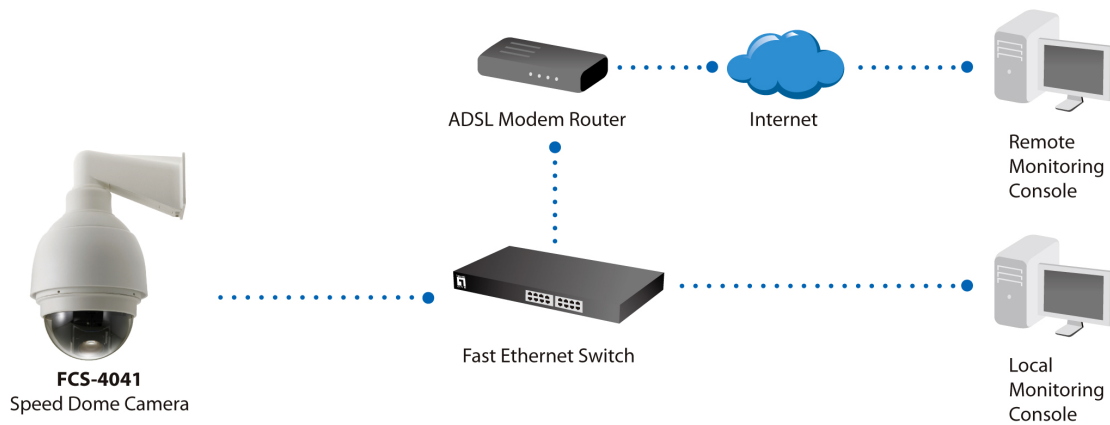Microsoft Windows 8/7/Vista/XP

Viewing Systems:
Operating system: Windows 2000, XP, Vista, 7, 8
Web browser: Mozilla Firefox, Safari, Internet Explorer 6.x or above
Cell phone viewer: 3GPP player
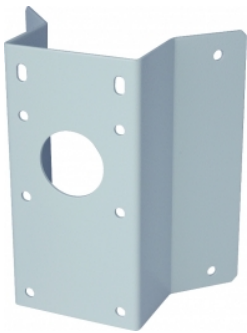Stream player: Real Player 10.5 or above, Quick Time 6.5 or above applications

Diagram

ADSL Modem Router   Internet

Remote
Monitoring
Console

FCS-4041
Speed Dome Camera

Fast Ethernet Switch

Local
Monitoring
Console

Order Information

FCS-4041

Package Contents

FCS-4041
Power Adapter
Mounting Kit
Screw Kit
Quick Installation Guide
Resource CD (User Manual, Utility, 64-CH Monitoring Software)

Optional Accessory

CAS-3222
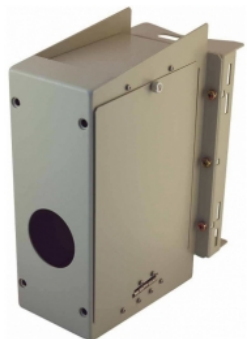Plate Corner Mount Kit

CAS-3223
Corner Thin Box Mount Kit

CAS-3241
25cm Straight Tube

CAS-3242
50cm Straight Tube

CAS-3261
Pole Thin Direct Mount Kit

CAS-3263
Pole Thin Box Mount Kit

CAS-3281
Wall Box Mount Kit

CAS-3291

Outdoor Power Box, 110-115V AC

CAS-3292

Outdoor Power Box, 220-230V AC