



FCS-3102 Version: 1

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## Fixed Dome Network Camera, 2-Megapixel, Outdoor, PoE 802.3af, Day & Night, IR LEDs, WDR, 3DNR

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### Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
  - Removable IR-cut filter for day and night surveillance
  - Supports 2 video streams simultaneously
  - Built-in infrared LEDs for night viewing up to 10m
  - Vandal-proof IK08-rated housing
  - Compression: H.264/MPEG-4/MJPEG
  - Built-in Micro SD/SDHC card slot for local storage
  - Built-in microphone for audio monitoring
  - Dual power support: 12VDC/PoE (IEEE 802.3af)
  - Free video surveillance and CMS (Central Management System) software with 64-channel license
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### Specifications

#### System Specifications

##### Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet

TCP/IP, HTTP, SMTP, FTP, DDNS, UPnP, NTP, PPPoE, DNS, DHCP, RTSP, Samba

##### Image Sensor:

2-Megapixel 1/2.7" Progressive Scan CMOS

##### Connectors and Cabling:

1 x RJ-45 10/100 Mbps PoE port

1 x DC Power Jack

1 x line out

1 x line in

1 x Power terminal block

I/O terminal block (1 DI/1 DO)

##### Modularity:

1 x MicroSDHC card slot

**Button:**

Reset Button

**Indicator:**

Power, Link

**Lens:**

Board lens, fixed-focal, f=4.0 mm, F2.0

**IR Cut Filter:**

Removable infrared-cut filter for day & night function

**IR LED:**

19 IR LEDs for illumination up to 10m

**Shutter Time:**

Indoor : 1/30 ~ 1/120 sec

Outdoor : 1/30 ~ 1/1,000,000 sec

**Angle of View:**

62°

**Video Compression:**

H.264 / MPEG4 / MJPEG

**Resolution:**

2M (1920x1080)

**Video Format:**

MPEG4

**Audio Compression:**

AMR / AAC

**Power:**

Power Consumption: 6W

Power Input: DC12V 1.5A / AC24V / 802.3af PoE

## Features

**General:**

Backup: MicroSD/SDHC card slot for local storage

IPv6: IPv4/IPv6 network operation

DNS: Easy Internet monitoring

**Security:**

Alarm: Motion Detection

Notification: FTP, SMTP, Samba

Access Control: Multi-level user access with password protection

IP address filtering

HTTPS encrypted data transmission

**Video:**

Image Setting: - Adjustable image size, quality and bit rate

- Configurable brightness, sharpness, contrast, saturation, white balance and exposure

- AGC/AWB/AEC

- Wide Dynamic Range (WDR)

- 3D Noise Reduction (3DNR)

- Flip & Mirror

- Time Stamp

Streaming: Up to 2 video streams

**Audio:**

Streaming: 1-way audio

Input/Output: Built-in microphone

## Performance

**Number of Clients:**

16

**Data Transfer Rate:**

10/100Mbps

**Storage Capacity:**

SD/MicroSD memory card of up to 64GB

**Frame Rate:**

Up to 30 fps at 1920x1080

**Minimum illumination:**

Color: 1.0 lux at F2.0

B/W: 0 lux (IR LED on)

## Environment

**Temperature (°C):**

Operating: 0°C ~ 40°C

**Humidity (Non-condensing):**

Operating: 10% ~ 80%

## Physical Specifications

**Dimensions (W x D x H mm):**

63 x 63 x 92 mm

**Weight (g):**

480g

**Enclosure:**

Weatherproof IP66-rated housing

Vandal Resistant IK08-rated

## Others

**Approval and Compliance:**

CE, RoHS, FCC, Onvif

**Deployment:**

Desktop/Ceiling Mount

**Operation Systems:**

Microsoft Windows 8/7/Vista/XP

**Viewing Systems:**

Browser: Internet Explorer 6.x or above, Firefox, Chrome, Safari

Cell phone: 3GPP player

Real Player: 10.5 or above

Quick Time 6.5 or above

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## Order Information

FCS-3102

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## Package Contents

FCS-3102

Power Adapter

Screw Kit

Quick Installation Guide

Resource CD (User Manual, Utility, QIG)



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