

Megapixel Day & Night Fixed Dome Network Camera

1280 X 800



Fixed Dome Series

The Fixed Dome series is a full-featured, 3-axis, fixed-dome, network camera. With a megapixel progressive sensor and built-in IR-cut filter/ IR illuminator LEDs/ Auto Light sensor, it can provide 24-hour, indoor surveillance. The Fixed Dome series features a wide-angle and vari-focal lens, which offers wide view coverage of all angles.

The Fixed Dome series is designed to provide end users with high quality video feed for an easily accessible security system. The embedded high performance image sensor and CPU allow for each camera to stream real time, high resolution video at 30 fps. It can transmit video using many codec compression options, including MPEG-4/MJPEG/H.264, which reduce bandwidth and storage requirements without compromising image quality. For easy viewing of the video feed, users can view the live feed from anywhere through internet browsers or 3G portable devices.

Installation is simplified by the added support for Power over Ethernet which enables each camera to receive power through the same cable as data transmission. The DI/DO function allows users to connect the Fixed Dome series to external alarm and sensor devices for added security protection.

With the included EasyConfig installation software, this series offers end-users easy installation without the need for a strong technical background. The 3-axis mechanical design makes the Fixed Dome series the perfect security camera for any school, bank, or corporate office surveillance system.

- **Wide View Coverage**
- **Built-in IR Illuminator LEDs**
- **/Removable IR-cut Filter**
/Auto Light Sensor for Day and Night
- **Supports MPEG-4 / MJPEG and H.264(*) Codec Compression**
- **Built-in 802.3af Compliant PoE (Power over Ethernet)**
- **1 DI/DO for External Alarm and Sensor Device**
- **EasyConfig for easy set up and GUI Integration**
- **Supports viewing through 3G portable devices**

Fixed Dome Series

Product Name

Megapixel Day & Night Fixed Dome Network Camera
1.3 Megapixel Day & Night Fixed Dome Network Camera

Model Number

FD-100A

MEGAPIXEL/IR LED/2 way Audio/
Ethernet/POE/DIDO

FD-130A

1.3 MEGAPIXEL/IR LED/2 way Audio/
Ethernet/POE /DIDO

Hardware System

CPU: 500 MHz
Flash: 16M
RAM: 128M DDR (*)

Image Sensor

FD-100A

Sensor Type : 1/4" Mega-Pixel CMOS Sensor
Sensor Resolution : 1280 x 800 pixel

FD-130A

Sensor Type : 1/3" Mega-Pixel CMOS Sensor
Sensor Resolution : 1280 x 1024 pixel

Minimum Illumination

1 Lux (without IR LEDs)
0 Lux (IR LEDs ON)
Infrared LEDs
Triggered by Auto Light Sensor

Removable IR Cut Filter and Infrared LEDs

Triggered by sensor

Lens

Lens Type : Board Mount Lens
Focal Length: f= 3.3mm~12mm

FD-100A

View Angle : H: 63.6° ~ 17.9°
V: 46.5° ~ 13.5°

FD-130A

View Angle : H: 89.8° ~ 23.9°
V: 63.6° ~ 17.9°

Video

Image Compression : H.264(*) / MPEG4 / MJPEG
Auto Exposure Control / Auto White Balance /
Auto Gain Control

Image Resolution

FD-100A

- 1280 x 800
- 640 x 400

FD-130A

- 1280 x 1024
- 640 x 512
- 320 x 256

(*) These are optional features. Please refer to the Product List for the full list of optional features available for this product.

Frame Rate at Max. Resolution

FD-100A

H.264: 30 fps (*)
MPEG4: 15 fps
MJPEG: 30 fps

FD-130A

H.264: 20 fps(*)
MPEG4: 15 fps
MJPEG: 20 fps

Audio

Audio Streaming: Two-way audio support
Audio Input: external microphone or line input
Audio output: Line output

Communication

Ethernet : one 10/100Mbps RJ-45

Supported Protocols : TCP/IP, UDP, ICMP,
DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP,
Samba, PPPoE, UPnP, RTP, RTSP, RTCP

Pan/Tilt

Manual 3-axis

Interface & Buttons

DC Power Connector
Ethernet Cable Connector
General I/O Terminal block
External MIC/Line input
External Audio output
Reset button

LEDs

Status/Ethernet(Power/Link)

Power input

DC 12V / 1A (Power Supply)
PoE: 802.3af compliant

Power consumption

Max Power Consumption : 6 watts

Environment

Operating Temperature : 0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity : 10% ~ 80%

Dimension

155.1(D) X 117.4 (H) mm

Weight

FD-100A/FD-130A
Net: 0.62KG
Gross: 1.2kg

Certification

FCC,CE

Warranty

Limited 2-year warranty

