

# Megapixel Day & Night Fixed Dome Network Camera

1280 x 800



- Wide View Coverage
- Built-in IR Illuminator LEDs
- Removable IR-cut Filter / Auto Light Sensor for Day and Night
- Support 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
- Easy Config. for the Utility and GUI Integration
- Support 3G portable device

## Fixed Dome Series

Brickcom Co., Ltd. introduces a full-featured 3-axis fixed dome network camera-FIXED DOME SERIES. The Brickcom FIXED DOME SERIES is designed for 24-hours indoor security surveillance applications; it provides a good quality, wide-angle, and vari-focal lens, which allows you to have any wide view coverage you need.

With the mega pixel progressive sensor and the build-in IR-cut filter / IR illuminator LEDs/Auto Light sensor, FIXED DOME SERIES can provide the high sensitivity and image quality in both day and night environment.

Embedded with the high performance image sensor and CPU, FIXED DOME SERIES employs compression to stream 15~30 frames per second (fps) at high resolutions for high-quality video and real-time viewing. FIXED DOME SERIES also provides many variable codec compression including MPEG-4 / MJPEG / H.264 Codec, which can reduce bandwidth and storage requirements without compromising image quality.

Support for Power over Ethernet enables the unit to receive power through the same cable as for data transmission. DI/DO function offers user to connect FIXED DOME SERIES with external alarm and sensor devices for each kinds of applications.

Additionally, with the 3-axis mechanical design and "EasyConfig.", it offers the end-user a very flexible and easy installation for house, banks, and office buildings applications without any IT background.

Furthermore, Brickcom IP camera can transmit the video to portable device via newest technology. Users can view live image anywhere by web browser or 3G portable device via Internet or 3G network respectively.

## Fixed Dome Series

### Product Name

Megapixel Day & Night Fixed Dome Network Camera

### Model Number

#### FD-100A

Megapixel Day & Night Fixed Dome Network Camera

#### FD-130A

1.3 Megapixel Day & Night Fixed Dome Network Camera

### Hardware System

CPU: 500 MHz

Flash: 16M

RAM: 64M DDR

### Image Sensor

#### FD-100A

Sensor Type : 1/4" Mega-Pixel CMOS Sensor

Sensor Resolution : 1280 x 800 pixel

#### FD-130A

Sensor Type : 1/3.3" 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

### Lens

Lens Type : Board Mount Lens

Focal Length: f= 3.3mm~12mm

View Angle : H: 63.6° ~ 17.9°

V: 46.5° ~ 13.5°

### Video

Image Compression : H.264 / MPEG4 / MJPEG

/ 3GPP(optional) Auto Exposure Control /

Auto White Balance / Auto Gain Control

### Image Resolution and Frame Rate:

#### FD-100A

- 1280 x 800: 26fps

- 640 x 400: 30fps

#### FD-130A

- 1280 x 1024: 15fps

- 640 x 512: 15fps

- 320 x 256: 15fps

### Audio

External MIC/Line input

External Audio 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 12V 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 ~ 50°C (32°F ~122°F)

Operating Humidity : 10% ~ 80%

### Dimension

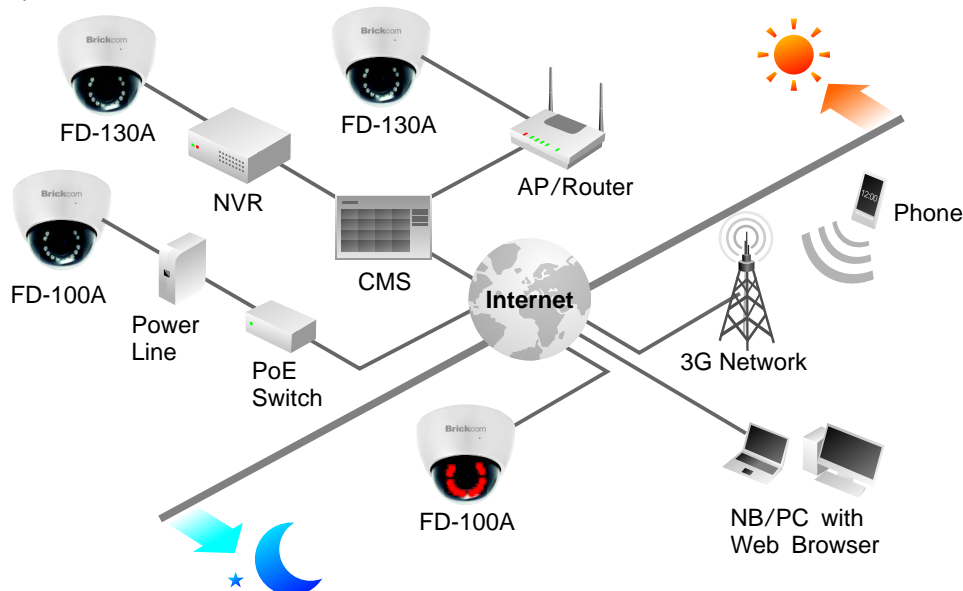
F 155.1(D) X 117.4 (H) mm

### Certification

FCC,CE

### Warranty

Limited 2-year warranty



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