

Megapixel Fixed Box Network Camera

1280 x 800



- MPEG-4, MJPEG and H.264 Triple Codec Compression
- Simultaneous Dual stream for Optimized Quality and Bandwidth
- Built-in 802.3af Compliant POE (Power Over Ethernet)
- Removable IR-Cut Filter for Day and Night Function
- Support WiMAX, Digital Frame, Power Line Application
- 802.11 b/g/n Compliance Wireless Connectivity (WFB-100A)
- WPS Function Support for Easy Wireless Network Setup (WFB-100A)

FB-100A Series

The Brickcom FB-100A series offers a reliable and excellent solution for 24-hour video surveillance. The FB-100A series offers highly efficient H.264 video compression, which reduces bandwidth and storage requirements without compromising image quality. M-JPEG and MPEG-4 are also supported for flexibility.

With the megapixel progressive sensor and removable IR-cut Filter, this series delivers extremely clear and detailed images that CCTV cameras cannot offer. Users can view live feed anywhere by internet browser or 3G mobile phone. Also, the FB-100A series can transmit the video to portable devices through other technology, such as WiMax, NAS, Digital Frame and power line.

The FB-100A series receives power through the same cable as for data transmission. This makes installation easy because there is no external power supply needed.

For easy setup, the FB-100A series offers a step-by-step installation package. "Easy Config" makes the configuration simple even for users without an IT background.

With IEEE 802.11 b/g/n wireless compliance, network installation is not restricted by location or landforms. The WFB-100A series can be installed in any location with wireless coverage. It can easily be used to cover remote districts and historic spots.

In addition to the motion detection function, the FB-100Aa (advanced) Series can also support Intelligent Video Analysis which can be used for applications such as object tracking, people counting, and forbidden region alarm.

FB-100A Series

Product Name

Megapixel Fixed Box Network Camera
Wireless Megapixel Fixed Box Network Camera

Model Number

FB-100A - MEGAPIXEL / 2 way Audio / Ethernet / POE / RS485/DIDO
WFB-100A - MEGAPIXEL / 2 way Audio / Ethernet / POE / RS485 / DIDO / Wireless 802.11 b/g/n / WPS

Hardware System

CPU: 500 MHz
Flash: 16M
RAM: 64M DDR

Image Sensor

Sensor Type : 1/4" Mega-Pixel CMOS Sensor
Sensor Resolution : 1280 x 800 pixel
Minimum Illumination : 1 Lux (without IR LEDs)

Removable IR Cut Filter

Lens (Optional)

Lens Type : Fixed-focal Lens(CS-mount)
Focal Length: f= 4.2 mm
View Angle: D: 89° H: 71° V: 49.5°
F-number: F1.8

Video

Image Compression Format:
H.264 / MPEG4 / MJPEG
Auto Exposure Control / Auto White Balance / Auto Gain Control

Image Resolution and Frame Rate:

- 1280 x 800: 30fps
- 640 x 400: 30fps

Audio

Audio Streaming: Two-way audio support
Audio Input: Built-in microphone, 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, Wireless 802.11b/g/n (WFB-100A)

Interface & Buttons

DC Power Connector(12V)
Ethernet Cable Connector(PoE)
General I/O Terminal Block(RS485 included)
External MIC/Line Input
External Audio output
Built-in MIC
Reset Button
WPS Button (WFB-100A)
Detachable Antenna Connector (WFB-100A)

LEDs

FB-100A - Status/Ethernet(Power/Link)
WFB-100A - Status/WPS/Ethernet(Power/Link)

Multiple Power Input
DC 12V / 1A (Power Supply)
PoE:802.3af Compliant

Power consumption

Max Power Consumption : 10 watts

Environment

Operating Temperature : 0°C ~ 50°C (32°F ~122°F)
Operating Humidity : 10% ~ 80%

Dimension

120(L) * 60 (W) * 60(H) mm

Weight

FB-100A - Net 380g(Without Lens)
WFB-100A - Net 385g(Without Lens)

Humidity

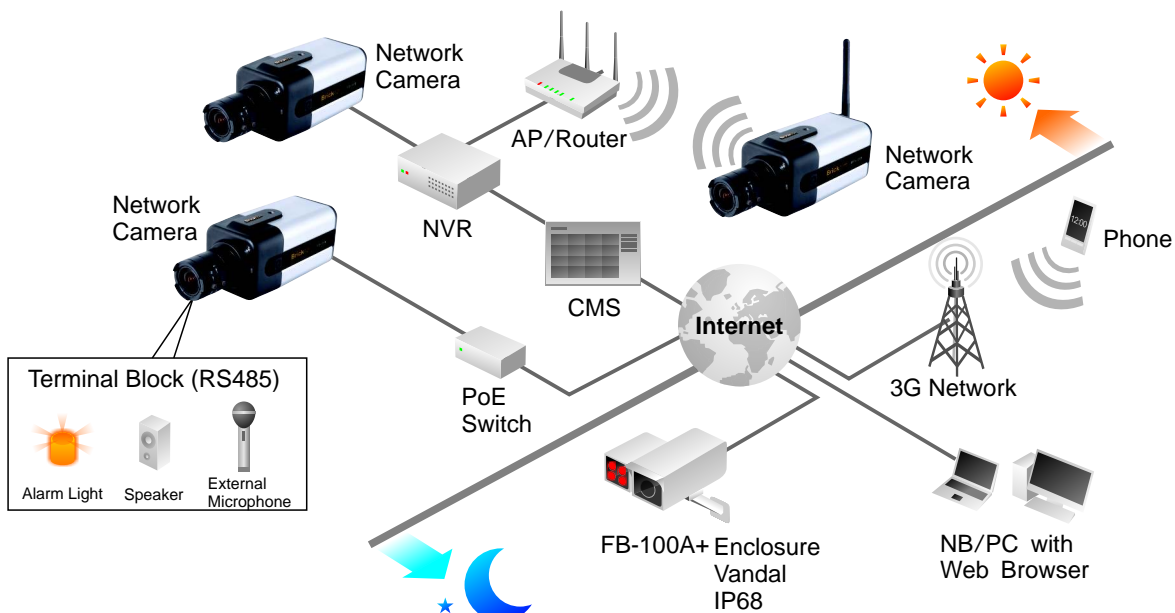
10% ~ 80%

Certification

FCC,CE

Warranty

Limited 2-year warranty



© Brickcom Technology Inc. All Rights Reserved. This document is for planning purposes only, and is not intended to modify or supplement any specifications or warranties relating to products of Brickcom Technology. Brickcom may make changes to specifications and descriptions at any time, without notice.

Brickcom Corporation Headquarters
Address: No. 1, Jen Ai Rd., Hsinchu Industrial Park, Hukou, Hsinchu, Taiwan, R.O.C. 303
Tel: +886-3-5982022 Fax: +886-3-5982023
Mail: info@brickcom.com http://www.brickcom.com