

# 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
- 1 DI/DO for External Alarm and Sensor Device
- Built-in SD/SDHC Memory Card Slot for Local Storage
- Build-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)
- IVA (Intelligence Video Analysis) Function Support (FB-100Aa/WFB-100Aa)

## FB-100A Series

Brickcom FB-100A series offers highly efficient H.264 video compression, which reduce bandwidth and storage requirements without compromising image quality. Furthermore, M-JPEG and MPEG-4 are also supported for flexibility. FB-100A series offers the reliable and excellent video quality solution for 24-hour surveillance application that allow users to view live, motion image from anywhere by web browser or mobile phone via Internet or 3G network respectively. With the mega pixel progressive sensor and built-in removable IR-cut Filter, it delivers extremely clear and detailed images that CCTV cameras cannot offer. Also, FB-100A series supports SD/SDHC memory card slot, which allows for backup local storage if data connection is lost. In addition, the FB-100A series can transmit the video to portable devices via other technology, for instance, WiMax, 3G cell phone, NAS, Digital Frame and power line.

FB-100A series receives power through the same cable as for data transmission. This made for easy installation without external power supply- as easy as the PoE does.

For easy setup, "Easy Config." makes the configuration simple even for users without any IT background. The Brickcom FB-100A series simplifies the hardware and software installation by flexible design and multiple applications.

With IEEE 802.11 b/g/n compliance, network Installation will not be restricted by location and landforms. WFB-100A series can be set in coverage of wireless. It is very convenient in particular site such as remote districts and historic spots.

Other than the motion detection function, the FB-100Aa Series can also support intelligence surveillance such as object tracking, people counting, forbidden region alarm, and so on.

## FB-100A Series

### Product Name

Megapixel Fixed Box Network Camera  
Megapixel Wireless Fixed Box Network Camera

### Model Number

**FB-100A** - Wired interface model  
**WFB-100A** - Wired and wireless interface model

### 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 : Vari-focal with Manual-Iris(CS-mount)  
Focal Length: f= 3.5~8 mm  
View Angle (HOR): 35.4°~77.6°

### 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)  
AC Power In (24V)  
Ethernet Cable Connector (PoE)  
General I/O Terminal Block (RS485 included)  
External MIC / Line Input  
External Audio output  
Built-in MIC  
Reset Button  
SD / SDHC memory card slot  
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

AC 24V  
DC 12V / 1.5A (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

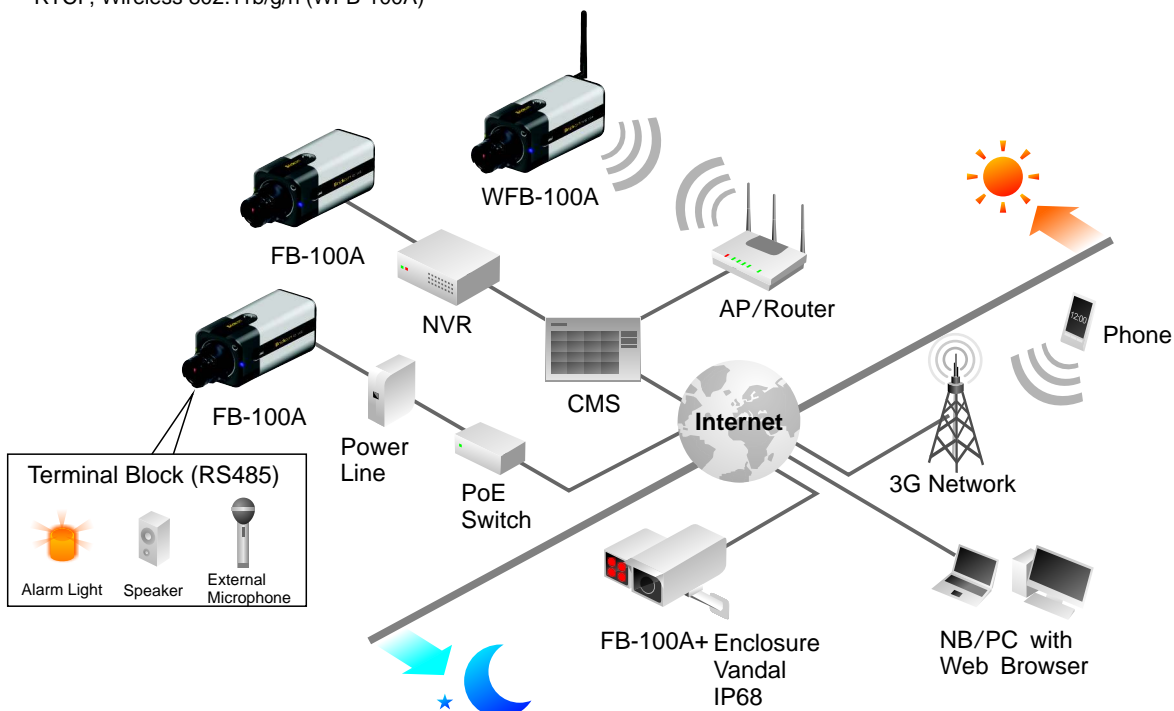
10% ~ 80%

### Certification

FCC, CE

### Warranty

Limited 2-year warranty



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