

Megapixel Fixed Box Network Camera

1280 X 800

Fixed Box Series



- 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(*)
- Built-in 802.3af Compliant POE(Power Over Ethernet)
- Removable IR-Cut Filter for Day and Night Function(*)
- Video Out for Easy Installation(*)
- 802.11 a/b/g/n Compliance Wireless Connectivity (*)
- WPS Function Support for Easy Wireless Network Setup (*)
- Smart Motion Detection
- IVA (Intelligence Video Analysis) Function Support (*)

The Brickcom Fixed Box 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. The internal SD/SDHC memory card slot allows for local storage, which prevents data loss if the data connection is lost. Users can view live feed anywhere by internet browser or 3G mobile phone. Also, Fixed Box series can transmit the video to portable devices through other technology, such as WiMax, NAS, Digital Frame and power line.

The Fixed Box series receives power through the same cable as for data transmission. This makes installation easy because there is no external power supply needed. This series is also designed with a BNC connector as the video output interface. During installation, installers can view the video feed onsite through a small monitor and fine-tune the focus, Iris, and zoom to get the best image quality. From installation, the camera will be ready for use and the user will not have to spend time remotely configuring the camera.

For easy setup, Fixed Box 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 a/b/g/n wireless compliance, network installation is not restricted by location or landforms. Wireless Fixed Box series can be installed at any location with wireless coverage. It can easily be used to cover remote districts and historic spots.

In addition to the motion detection function, Fixed Box series can also support Intelligent Video Analysis which can be used for applications such as object tracking, people counting, and forbidden region alarm.

Fixed Box Series

Product Name

Megapixel Fixed Box Network Camera
Wireless Megapixel Fixed Box Network Camera

1.3 Megapixel Fixed Box Network Camera
Wireless 1.3 Megapixel Fixed Box Network Camera

Model Number

FB-100A
MEGAPIXEL/2 way Audio/SDHC/Ethernet/POE/
RS485/DIDO
WFB-100A
MEGAPIXEL/2 way Audio/SDHC/
Ethernet/ POE/RS485/DIDO/Wireless 802.11 b/g/n /WPS
FB-130A
1.3 MEGAPIXEL/2 way Audio/SDHC/Ethernet/POE/
RS485/DIDO
WFB-130A
1.3 MEGAPIXEL/2 way Audio/SDHC/Ethernet/POE
/Ethernet/RS485/DIDO/Wireless 802.11 a/b/g/n/ WPS

Hardware System

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

Image Sensor

FB-100A/WFB-100A
Sensor Type : 1/4" Mega-Pixel CMOS Sensor
Sensor Resolution : 1280 x 800 pixel
Minimum Illumination : 1 Lux (without IR LEDs)
FB-130A/WFB-130A
Sensor Type : 1/3" Mega-Pixel CMOS Sensor
Sensor Resolution : 1280 x 1024 pixel
Minimum Illumination : 1 Lux (without IR LEDs)

Removable IR Cut Filter(*)

Triggered by sensor

Lens (*)

Lens Type : Vari-focal with Manual-Iris(CS-mount)
Focal Length: f= 2.9~8.2 mm
FB-100A/WFB-100A
View Angle (HOR): 69.0° ~26.7°
FB-130A/WFB-130A
View Angle (HOR): 95.0° ~35.6°

Video

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

Image Resolution

FB-100A/WFB-100A
- 1280 x 800
- 640 x 400
FB-130A/WFB-130A
- 1280 x 1024
- 640 x 512
- 320 x 256

Frame Rate at Max. Resolution

FB-100A/WFB-100A
H.264: 30 fps(*)
MPEG4: 15 fps
MJPEG: 30 fps
FB-130A/WFB-130A
H.264: 20 fps(*)
MPEG4: 15 fps
MJPEG: 20 fps

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
IEEE 802.11a/b/g/n compliance (*)

Supported Protocols : TCP/IP, UDP, ICMP,
DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP,
Samba, PPPoE, UPnP, RTP, RTSP,
RTCP, Wireless 802.11 a/b/g/n (*)

Interface & Buttons

Video out (*)
DC Power Connector
AC Power In (*)
Ethernet Cable Connector
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 (*)
Detachable Antenna Connector (*)

LEDs

FB-100A/FB-130A
Status/Ethernet(Power/Link)
WFB-100A/WFB-130A
Status/WPS/Ethernet(Power/Link)

Multiple Power Input

AC 24V (*)
DC 12V / 1A (Power Supply)
PoE:802.3af Compliant

Power consumption

Max Power Consumption : 10 watts

Environment

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

Dimension

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

Weight

FB-100A/FB-130A
Net: 380g(Without Lens)
Gross : 893G
WFB-100A/WFB-130A
Net: 385g(Without Lens)
Gross: 903G

Humidity

10% ~ 80%

Certification

FCC,CE

Warranty

Limited 2-year warranty

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

