

# Outdoor Megapixel Bullet Network Camera

H.264

## OB-100A Series



- MPEG-4, MJPEG and H.264(\*)  
Triple Codec Compression  
with Dual Simultaneous  
Streaming
- High power POE
- Built-in Micro SD/SDHC  
Memory Card Slot for Local  
Storage(\*)
- 1 DI/DO for External Alarm  
and Sensor Device
- Smart Focus to get excellent  
image quality easily(\*)
- IEEE 802.11 a/b/g/n  
Compliance (\*)
- Built-in 3G SIM slot (\*)
- IP67 Outdoor enclosure  
Built-in Fan and Heater (\*)

The Brickcom OB-100A series is an outdoor bullet network camera. It adopts a megapixel sensor which allows the camera to deliver extremely clear and detailed images that CCTV cameras cannot offer. To optimize use of the megapixel resolution, the OB-100A series uses efficient H.264/ MJPEG/ MPEG-4 codec compression to deliver dual configurable video streams simultaneously at up to 30 fps. These features make this series the perfect outdoor camera for neighborhood, school campus, and parking lot surveillance.

The OB-100A series has many user friendly features, such as the smart focus capability which allows users to configure settings for excellent image quality without difficult procedures. Support for Power over Ethernet enables the camera to use the same cable for power and data transmission, eliminating the need to install an external power supply.

Installation for the WOB-100A/GOB-100A models is not restricted by location or landforms. The cameras offer various wireless options that make connecting to networks easier by adopting the technology of IEEE 802.11 a/b/g/n and 3G SIM module. The wireless Bullet Cameras can be set within any wireless or 3G signal coverage areas. Users do not have to worry about the data connection failing because each camera is equipped with a Micro SD/SDHC memory card slot for local storage.

With an IP67 certified outdoor enclosure, the OB-100A series is not only weather proof, but also dust and rust resistant. By utilizing a built-in industrial fan and heater, it can perform well in extreme environments.

## OB-100A Series

### Product Name

Outdoor Megapixel Bullet Network Camera  
 Wireless Outdoor Megapixel Bullet Network Camera  
 3G Outdoor Megapixel Bullet Network Camera

### Model Number

#### OB-100A

Outdoor/MEGAPIXEL/IR LED/2 way Audio/Micro SDHC/Ethernet/POE/DIDO/RS485/ Weather-Proof

#### WOB-100A

Outdoor/MEGAPIXEL/IR LED/2 way Audio/Micro SDHC/Ethernet/POE/Wi-Fi/DIDO /RS485/ Weather-Proof

#### GOB-100A

Outdoor/MEGAPIXEL/IR LED/2 way Audio/Micro SDHC/Ethernet/POE/3G/DIDO /RS485/ Weather-Proof

### Hardware System

CPU: 500 MHz  
 Flash: 16M  
 RAM: 128M DDR

### Image Sensor

Sensor Type : 1/4" CMOS MEGAPIXEL Sensor  
 Sensor Resolution : 1280 x 800 pixel  
 Minimum Illumination :  
 0.68 Lux / F1.4 (Without IR LED )  
 0 Lux / F1.4 ( With IR LED )

### Removable IR Cut Filter and Infrared LEDs

Triggered by Auto Light sensor

### Lens(\*)

Lens Type : Moto-focal with Auto-Iris  
 Focal Length: f= 3.3~12 mm  
 View Angle (Hor): 63.6° ~17.9° (Ver): 46.5° ~13.5°

### Video

Image Compression : 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: external microphone or line input  
 Audio output: Line output

### Communication

Ethernet : one 10/100Mbps RJ-45  
 IEEE 802.11a/b/g/n compliance (\*)  
 HSPA/UMTS 850/1900/2100(\*)

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

RJ45 connector1 (for Ethernet and High power POE)  
 RJ45 connector2 (for Audio in/out,RS485, DIDO)  
 Reset button  
 External Antenna reserve SMA connector(\*)  
 Micro SD/SDHC memory card slot (\*)  
 3G SIM slot (\*)

### LEDs

Status (Power/Link)

### Power input

High Power POE

### Power consumption

Max Power Consumption : 25 watts

### Environment

Operating Temperature (\*) : -40°C ~ 60°C (-40°F ~140°F)  
 Operating Humidity : 10% ~ 80%

### Dimension

70(D) \* 166(H) mm

### Weight

**OB-100A**  
 Net: 1100 g  
**WOB-100A**  
 Net: 1150 g  
**GOB-100A**  
 Net: 1150 g

### 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.

