Brickcom
www.brickcom.com

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 802.11a/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.

Brickcom | General Specification

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 (*)
WCDMA850/WCDMA1900/WCDM2100(*)

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.**

0520/ 2010C