

Megapixel WDR Bullet Network Camera

1280 x 800

OB-100C Series



- 100 dB Wide Dynamic Range sensor
- 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-100C series is an outdoor bullet network camera. It features a Wide Dynamic Range sensor which allows to the camera to handle extreme variations of brightness. The WDR sensor averages out the very bright and very dark areas to create a video scene close to what the human eye would see. For example, it can eliminate the glare from car headlights and make it possible to identify a car's license plate number.

The OB-100C series adopts a WDR sensor which allows the camera to deliver extremely clear and detailed images that CCTV cameras cannot offer. To optimize use of the resolution, the OB-100C series uses efficient H.264/MJPEG/MPEG-4 codec compression to deliver dual configurable video streams simultaneously at up to 30 fps.

It 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-100C/GOB-100C 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 area. 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-100C 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-100C Series

Product Name

Megapixel WDR Bullet Network Camera
Wireless Megapixel WDR Bullet Network Camera
3G Megapixel WDR Bullet Network Camera

Model Number

OB-100C

Outdoor/WDR/IR LED/2 way Audio/Micro
SDHC/Ethernet/POE/RS485/DIDO

WOB-100C

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

GOB-100C

Outdoor/WDR/IR LED/2 way Audio/Micro
SDHC/Ethernet/POE/3G/RS485/DIDO

Hardware System

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

Image Sensor

Sensor Type : 1/2.7" CMOS WDR Sensor
Sensor Resolution : 1280 x 800 pixel
Minimum Illumination :
0.68 Lux / F1.4 (Without IR LED)
0 Lux / F1.4 (With IR LED)
Dynamic Range: >100dB

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

- 1280 x 800
- 1280 x 720
- 640 x 480

Frame Rate at Max. Resolution

H.264: >25 fps
MPEG4: >15 fps
MJPEG: >25 fps

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 (*)
HSUPA/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 : 30 watts

Environment

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

Dimension

70(D) * 166(H) mm

Weight

OB-100C
Net: 1100 g
WOB-100C
Net: 1150 g
GOB-100C
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.

