

Megapixel Mini Dome Network Camera

1280 X 800

MD-100A Series



- **MPEG-4, MJPEG and H.264 Triple Codec Compression**
- **Anti Vibration and Sock(EN50155)**
- **Inconspicuous, sleek Design**
- **Weather and vandal-proof Casing (IP67, IK10)**
- **Wide Angle Lens(*)**
- **Built-in MIC(*)**
- **Built-in Micro SD/SDHC Memory Card Slot for Local Storage(*)**
- **Built-in 802.3af Compliant Power on Ethernet (PoE)**
- **EasyConfig for Easy Set Up and GUI Integration**

The Brickcom MD-100A series is a mini dome network camera designed for outdoor use. The inconspicuous, sleek design of this series provides it with protection from high-level weather and vandal. Its ability to withstand vibration, shock, dust, rust, high temperatures and humidity make it an effective security camera for parking lots and public transportation.

The MD-100A series is designed to provide end users with high quality video feed for an easily accessible security system. By offering H.264/M-JPEG/MPEG-4 triple codec compression, it is able to offer a flexible system which does not require high bandwidth and storage capabilities. The internal micro SD/SDHC memory card slot allows for local storage, which prevents data loss if the data connection is lost. The wide angle lens allows for the camera to capture a panoramic view which can be viewed at a high 1280 x 800 megapixel resolution.

To simplify installation, the MD-100A series is equipped with 802.af compliant Power over Ethernet (PoE), allowing the camera to receive power through the same cable as for data transmission. This camera series offers a unique design which allows easy use for users with any level of technical background.

MD-100A Series

Product Name

Megapixel Mini Dome Network Camera

Model Number

MD-100A

Hardware System

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

Image Sensor

Sensor Type : 1/4" Mega-Pixel CMOS Sensor
Sensor Resolution : 1280 x 800 pixel
Minimum Illumination: 1 Lux

Lens(*)

Lens Type : Board Lens
Focal Length: f= 2.86 mm
View Angle : H: 81.2°
V: 49.1°
D: 98.2°
F-number: F2.0

Video

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

Image Resolution

- 1280 x 800
- 640x480
- 320x192

Frame Rate at Max. Resolution

- H264: 30 fps(*)
- MPEG4: 15 fps
- MJPEG: 30 fps

Audio

1-way audio
Built-in MIC(*)

Network

Ethernet : one 10/100Mbps RJ-45

Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP,

Interface & Buttons

Micro SD/SDHC card slot(*)
Ethernet Cable Connector(PoE)

LEDs

Power /Status/Internet

Power

Input : PoE 802.3af Compliant

Max Power consumption

3.8 watt

Environment

Operating Temperature :-20°C ~ 50°C (-4°F ~122°F)
Operating Humidity : 20% ~ 80%

Dimension

Ø 110 mm x 45 mm

Weight

335g

Certification

FCC,CE, EN50155, IP-67, IK10

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.

