

# Outdoor Megapixel Mini Dome Network Camera

1280 X 800

## MD-100A Series



- MPEG-4, MJPEG and H.264(\*) Triple Codec Compression
- Anti Vibration and Shock(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 makes 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

Outdoor 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 and Frame Rate

- 1280 x 800: 30fps
- 640x480: 30fps
- 320x192: 30fps

### 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.

