

# Megapixel Mini Dome Network Camera

1280 x 800



- MPEG-4, MJPEG and H.264 Triple Codec Compression
- Inconspicuous, Sleek Design
- Weather and Vandal-proof Casing (IP67)
- Wide Angle Lens
- Built-in MIC
- Built-in Micro SD Memory Card Slot for Local Storage
- Built-in 802.3af Compliant Power on Ethernet (PoE)
- EasyConfig for Easy Set Up and GUI Integration
- Supports IVA (Intelligence Video Analysis) Function (MD-100Aa)

## MD-100A Series

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 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

0 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 :

H.264 / MPEG4 / MJPEG  
Max Image Resolution :  
- 1280 x 800: 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 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

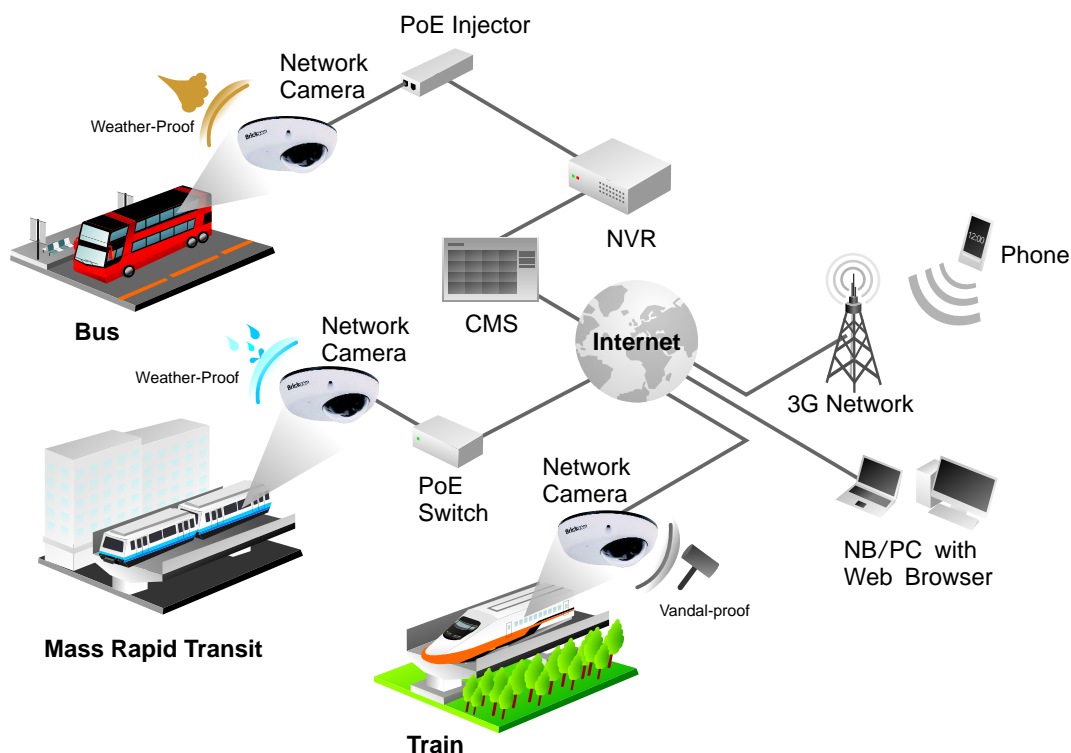
335g

### Certification

FCC,CE, EN50155, IP-67

### Warranty

Limited 2-year warranty



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