

## Megapixel Mini Dome Network Camera



### MD-100A Series

- H.264, MPEG-4 and MJPEG Triple Codec Compression with Dual Simultaneous Streaming
- Inconspicuous, Sleek Design
- Built-in Microphone(\*)
- Wide Angle Lens(\*)
- Built-in Micro SD/SDHC Memory Card Slot for Local Storage(\*)
- Built-in 802.3af Compliant Power over Ethernet (PoE)
- Anti Vibration and Shock(EN50155)
- Weather and Vandal-proof Casing (IP67, IK10)
- EasyConfig for Easy Set Up and GUI Integration
- Unique Profile Setting for Variable Environment

### Network Equipment



**3001**  
PoE Injector

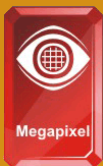
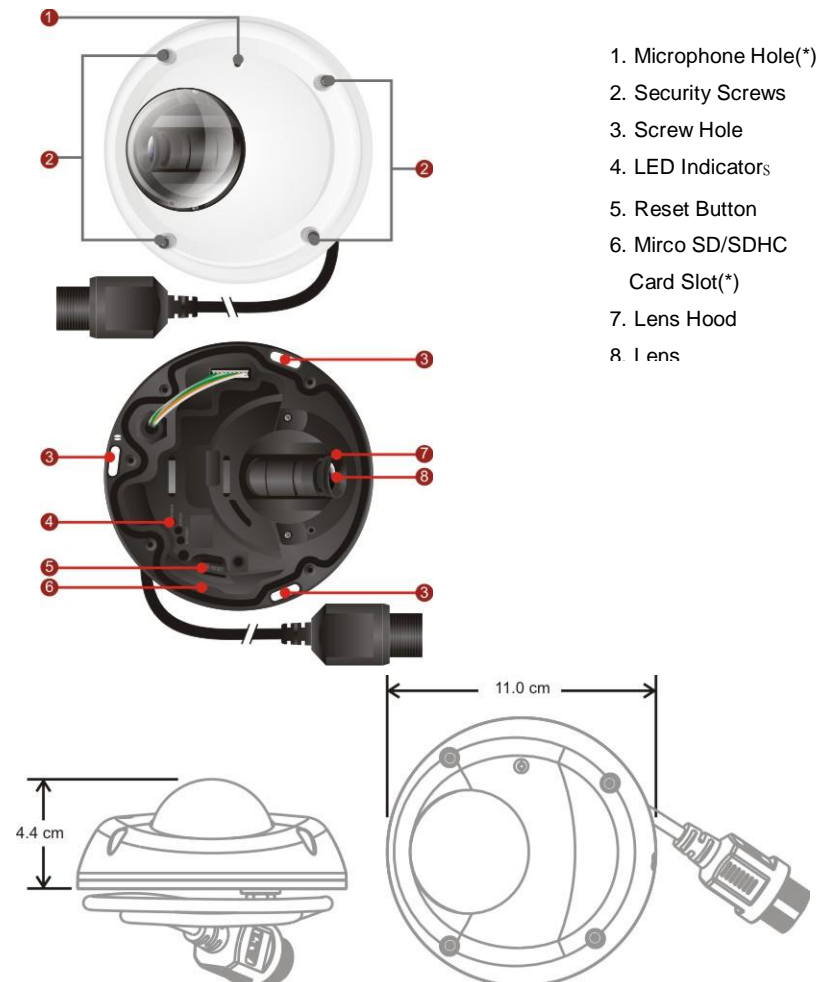


**PS-588I**  
8-port 10/100M PoE Fast  
Ethernet Switch



**PS-7242IL-AF**  
24-port 10/100M PoE Web  
Smart Ethernet Switch

### Dimension Diagram (MD-100A Series)



**MD-100A Series**

**Camera**

<b>Model Number</b>	<b>MD-100Ae</b> – IP-67 / Vandal-proof/ PoE/ EN50133 <b>MD-100Ap</b> – IP-67 / Vandal-proof/ PoE/ EN50155/ Local Storage/ Wide Angel Lens/ Built-in Microphone
<b>Hardware System</b>	CPU: 500 MHz Flash: 16M RAM: 128M DDR
<b>Image Sensor</b>	Sensor Type : 1/4" CMOS Megapixel Sensor Sensor Resolution : 1280 x 800 pixel Minimum Illumination : 1 Lux
<b>Lens</b>	Lens Type : Board Lens <b>MD-100Ae</b> Focal Length: f= 4 mm F-number: F1.8 View Angle (Hor): 56° (Ver): 42° (Dia): 71° <b>MD-100Ap</b> Focal Length: f= 2.85 mm F-number: F2.0 View Angle (Hor): 81.2° (Ver): 49.1° (Dia): 98.2°

**Video**

<b>Video Image Compression</b>	H.264 / MPEG4 / MJPEG
<b>Video Setting</b>	Auto Exposure Control: Sport/ Normal/ Night Vision/ User Defined Auto Gain Control: 1X-5X Shutter Speed: 1/5-1/20000 sec
<b>Image Resolution</b>	<b>16:10</b> - 1280 x 800 - 640 x 400 - 320 x 192 <b>16:9</b> - 1280 x 720 - 640 x 352 - 320 x 176 <b>4:3</b> - 640 x 480 - 320 x 240
<b>Frame Rate at Max. Resolution</b>	<b>MD-100Ae</b> H.264: 15 fps MPEG4: 15 fps MJPEG: 30 fps <b>MD-100Ap</b> H.264: 30 fps MPEG4: 15 fps

**Audio**

<b>MD-100Ap</b>	
<b>Audio Streaming</b>	One-way audio support
<b>Audio Compression</b>	G.711, AMR (8 kHz, Mono, PCM)
<b>Audio Input</b>	Built-in Microphone

**Network**

<b>Communication</b>	Ethernet : one 10/100Mbps RJ-45 Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP
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**General**

<b>Interface &amp; Buttons</b>	<b>MD-100Ae</b> Ethernet Cable Connector(PoE) Reset Button <b>MD-100Ap</b> Ethernet Cable Connector(PoE) Reset Button Built-in Microphone Reset button Micro SD/SDHC Card Slot
<b>Power input</b>	802.3af Compliant Power on Ethernet (PoE)
<b>LEDs</b>	Power Status Internet
<b>Max. Power Consumption</b>	<b>MD-100Ae</b> 3.5 watt <b>MD-100Ap</b> 3.8 watt
<b>Environment</b>	Water Proof: IP67 Operating Temperature : -20°C ~ 50°C (-4°F ~122°F), Operating Humidity : 10% ~ 80%
<b>Dimension</b>	Ø 110 mm x 45 mm
<b>Weight</b>	335g
<b>Certification</b>	FCC, CE, EN50155, IK10
<b>Warranty</b>	Limited 2-year warranty

(\* ) These are optional features. Please refer to the Buying Guide for the full list of optional features available for this product.