

## N-Series Superior Night Vision

### 3 Megapixel 360° Panomorph Mini Dome Network Camera

MD-300Np-360P

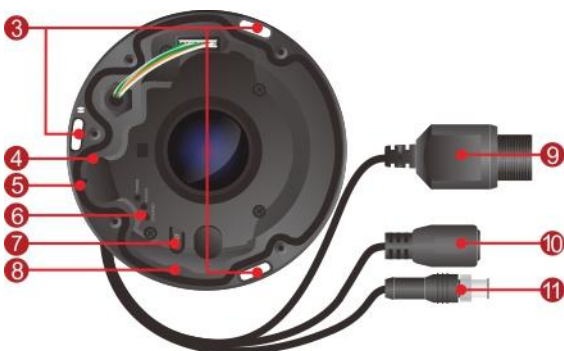
#### ImmerVision Enables® Panomorph Lens



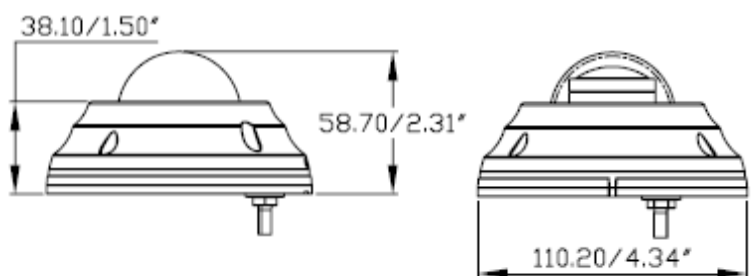
- N-Series Superior Night Vision 3-Megapixel 360° Mini Dome Camera
- Built-In ImmerVision Enables® Panomorph Lens
- Brickcom WDR Enhancement® Technology
- 180° Panoramic View or 360° Surrounding View
- Intelligent Multi-Profile Sensor Management® for Different Environments
- Weather-Proof (IP67) and Vandal-Proof (IK10)
- EN50155 Certified for Transportation Applications
- Built-In Micro SD Card Slot and Microphone
- TV Out
- PoE (802.3af) / DC12V
- M12 Ethernet Connector (\*)



#### Photo Indication & Dimension Diagram



- ① Microphone Hole
  - ② Screws
  - ③ Screw Holes
  - ④ PAL/NTSC TV-Out Switch
  - ⑤ TV-Out Connector
  - ⑥ LED Indicators
  - ⑦ Reset Button
  - ⑧ Micro SD/SDHC Card Slot
  - ⑨ RJ45 Connector (802.3af PoE)
  - ⑩ M12 Ethernet Connector (\*)
  - ⑪ DC12V Connector
- \* These are optional features \***



## MD-300Np-360P


### Camera

<b>Hardware System</b>	CPU: 533 MHz Flash: 32M RAM: 256M DDR
<b>Image Sensor</b>	Sensor Type : 1/2.8" Sony Exmor Sensor Sensor Resolution : 2048 x 1536 pixel
<b>Lens Spec</b>	Lens Type: ImmerVision Enables® Panomorph Focal Length: 1mm F=2.0 View Angle:182° *182° (H* V)
<b>Minimum Illumination</b>	0.3Lux(B/W) 0.8 Lux (Color)
<b>Local Storage</b>	Built-in Micro SD/SDHC Memory Card Slot

### Video

<b>Compression Streaming</b>	H.264 / MPEG4 / MJPEG Simultaneous multiple streams
<b>Video Setting</b>	Multi-Profile Image Management: Day/ Night/ Sunset/ User 1/ User 2 Auto Exposure /Gain/ White Balance Control Manual Exposure Control: 1/10000~1/5s Manual Gain Control: 1X ~ 15X Manual White Balance Control:2000K~7000K
<b>S/N Ratio</b>	Above 50dB
<b>Image Resolution</b>	<b>3M</b> : 2048x1536 @ 20fps <b>2M (Full HD)</b> : 1920x1080 @ 30fps <b>1M (HDTV)</b> : 1280x720 @ 30fps

### Product Distinction

MD-300Np-360P- L

*Example:*  
MD-300Np-360P-AL  
MD-300Np-360P-BL

**Cable Type**  
A. RJ45, DC12V  
B. M12

### Work Best With

#### Camera Accessories Options



**BNCMD-01**  
TV-Out Connector Line

### Events and Alarm Management

<b>Events</b>	Motion Detection Schedule Audio Detection
<b>Alarm</b>	Stream/Snapshot to FTP/Email/Samba/SD-Card HTTP/Email Notification

### Audio

<b>Audio Streaming</b>	1-way Audio Support
<b>Audio Compression</b>	G.711, AMR (8 kHz, Mono, PCM)
<b>Audio Input/ Output</b>	Built-in MIC

### General

<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, IPv6
<b>Connectors</b>	Cables with different options A. RJ45,DC12V B. M12
<b>Power Input</b>	PoE 802.3af/ M12/ DC12V
<b>Max. Power Consumption</b>	5.5 watts
<b>Environment</b>	Operating Temperature -20°C ~ 50°C (-4°F ~122°F), Operating Humidity : 10% ~ 80%
<b>Dimension</b>	110(L) X110(W) X 59(H) mm
<b>Weight</b>	500g/1.1lb
<b>Housing</b>	Weather-Proof (IP67) Vandal-Proof (IK10)
<b>Certification</b>	FCC, CE, EN50155, IK10, IP67
<b>Viewing System Requirements</b>	OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 6/7 or above, Safari, Google Chrome Cell Phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.6 or above VLC
<b>Warranty</b>	Limited 2-year warranty

#### Network Equipment Options



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



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