

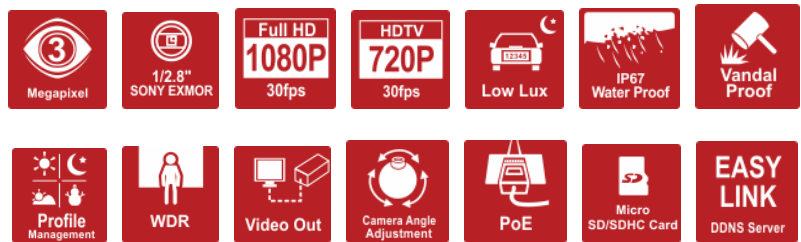
N-Series Superior Night Vision 3 Megapixel Mini Dome Network Camera

MD-300Np

HDTV 1080p/720p • WDR Enhancement®



- N-Series Sony Exmor 3M Outdoor Mini Dome Camera
- Brickcom WDR Enhancement® Technology inside
- HDTV Quality (Full HD 1080p @ 30fps Streaming)
- Wide Camera Angle Adjustment with Pan 35°, Tilt 0-90°, Rotation 180°
- **Intelligent Multi-Profile Sensor Management®** for Different Environments
- Weather-proof (IP67) and Vandal-proof (IK10) with Stylish Design
- Wide Angle of View and Easy to Adjust Focus
- EN50155 Certify with Anti Vibration and Shock
- Built-In Micro SD slot/ TV out Connector Supported
- PoE(802.3af) / M12 Connector / DC12V Supported

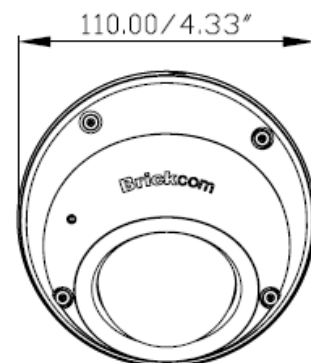
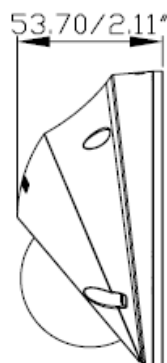


ONVIF

Photo Indication & Dimension Diagram



- 1 Microphone Hole
 - 2 Security Screws
 - 3 Screw Hole
 - 4 PAL/ NTSC Switch
 - 5 TV out Connector
 - 6 LED Indicators
 - 7 Reset Button Slot
 - 8 Micro SD/SDHC Card
 - 9 RJ45 Connector (for Ethernet and PoE:802.3.af)
 - 10 M12 Connector(*)
 - 11 DC12V Connector
- *Cable Connector Variants***



MD-300Np

Camera

Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR
Image Sensor	Sensor Type : 1/2.8" Sony Exmor sensor Sensor Resolution : 2048 x 1536 pixel
Camera Angle Adjustment	Pan ± 35° / Tilt 0-90° / Rotation ± 180°
Minimum Illumination	0.02 Lux(B/W) 0.03 Lux (Color)
Local Storage	Built-in Micro SD/SDHC Memory Card Slot

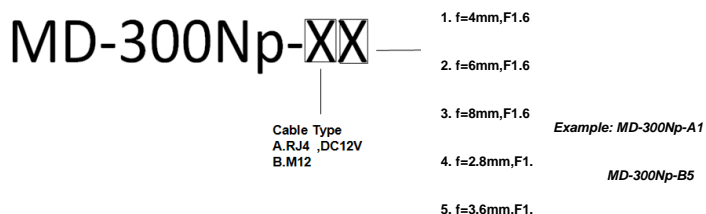
Video

Compression Streaming	H.264 / MPEG4 / MJPEG Simultaneous multiple streams
Video Setting	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
S/N Ratio	Above 50dB
Image Resolution	3M : 2048x1536 @ 20fps 2M (Full HD) : 1920x1080 @ 30fps 1M (HDTV) : 1280x720 @ 30fps

Events and Alarm Management

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

Product Distinction



Lens Spec

MD-300Np	4mm	6mm	8mm	2.8mm	3.6mm
Lens Type	Board Lens	Board Lens	Board Lens	Board Lens	Board Lens
F Value	F=1.6	F=1.6	F=1.6	F=1.6	F=1.6
FOV(H/V/D)	77°/58°/98°	50°/37°/64°	37°/28°/45°	102°/76°/124°	80°/60°/104°

Audio

Audio Streaming	1-way Audio Support
Audio Compression	G.711, AMR (8 kHz, Mono, PCM)

Audio Input/ Output	Built-in MIC
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General

Communication	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
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Connectors	Cables with different Options A. RJ45,DC12V B. M12
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Power Input	PoE 802.3af/ M12/ DC12V
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Max. Power Consumption	5.5 watts
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Environment	Operating Temperature -25°C ~ 55°C (-13°F ~ 131°F), Operating Humidity : 10% ~ 80%
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Dimension	110(L) X110(W) X 53.7(H) mm
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Weight	460g/1.02lb
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Housing	Weather-proof (IP67) Vandal-proof (IK10)
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Certification	FCC, CE, EN50155, IK10
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Viewing System Requirements	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
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Warranty	Limited 2-year warranty
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Work Best With

Camera Accessories Options



M12 mount Lens



BNCMD-02
TV out Connector Line

Network Equipment Options



PS-588I-v2
8-port 10/100M PoE Fast Ethernet Switch



PS-7242IL-AT
24-port 10/ 100M High Power PoE+ Web
Smart Ethernet Switch