

N-Series Superior Night Vision 3 Megapixel Dome Network Camera

FD-300Np V5-SI

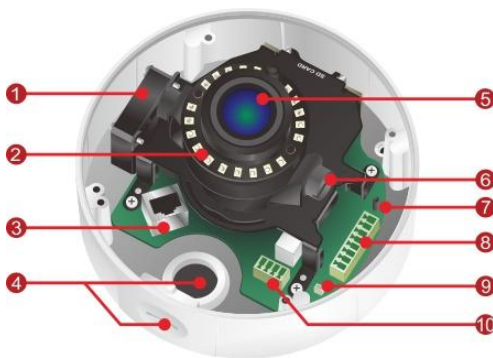
Enhancement HDTV 1080p/720p • 3M/2M Resolution Supported



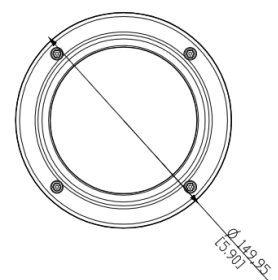
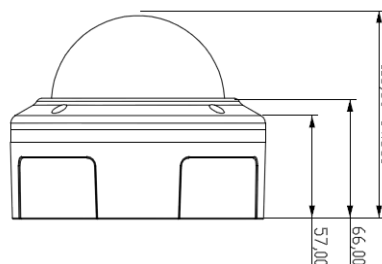
- Enhancement N-Series Sony Exmor 3M Indoor / Outdoor Dome Camera
- **SmartFocus®** to Ease the Zoom and Focus Adjustment Remotely
- Support HDTV Video Quality (Full HD 1080p @ 30fps Streaming)
- Brickcom **WDR Enhancement®** technology inside up to 120dB
- MPEG-4, MJPEG and H.264 Triple Codec Compression
- **Intelligent Multi-Profile Sensor Management®** for Different Environments
- Tamper alarm (Focus Loss, Blockage, Spray Painting) (Optional with extra license required)
- Removable IR-cut Filter /Auto Light Sensor for Day and Night
- 1 DI/DO for External Alarm and Sensor Device
- TV-out supported
- Two-way Audio/Built-in Micro SD/SDHC Memory Card Slot for Local Storage
- Power over Ethernet/DC12V/AC 24V support
- Smart Adaptive IR LED, control for optimum scene illumination



Photo Indication & Dimension Diagram



- ① Fan (optional)
- ② Adaptive LEDs
- ③ RJ45 Connector (For Ethernet and 802.3 at PoE Plus)
- ④ Conduit Plug and Hole
- ⑤ LENS
- ⑥ Tilt Screw
- ⑧ Terminal Block (For Audio in/out, DIDO)
- ⑨ TV Out Connector
- ⑩ Terminal Block (For DC12V/AC24V)
- ⑪ SD Card Slot



Camera		Audio	
Models	3M, P-Iris, Motorized Lens	Audio Streaming	2-way Audio Support
Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR	Audio Compression	G.711, AMR (8 kHz, Mono, PCM)
Image Sensor :	1/2.8" 3M Sony Exmor Megapixel Sensor Resolution : 2048x1536 pixel Sensor Type : Progressive CMOS Imaging Area : 4.5mm(H) x 3.4mm(V)	Audio Input/ Output	Line input (Unbalanced, 1.4 Vp-p, 1 Vrms) Line out : (3.5mm stereo mini jack)
Lens	FD-300Np V5-SI: Iris Type: P-Iris Lens Type: Remote Focus & Zoom Lens Focal Length: 3mm~10.5mm F value: F1.2 View Angle: 24°~128°	General	
Local Storage	Built-in Micro SD/SDHC/SDXC Max.64G Memory Card Slot	Communication	Ethernet : 1x10/100Mbps RJ-45 Supported Protocols : IPv4/6, TCP/IP, UDP/IP, HTTP, HTTPS, RTP(UDP), RTP(TCP), RTSP,DHCP,ICMP,IGMP, SSL, FTP,SMTp,NTP,ARP,DDNS,PPPOE,RTCP,DNS, CIFS/SMB,Bonjour, UPnP, DynDNS, SOCKS, IEEE 802.1x (SSH,SNMP v1,v2c,v3 LDAP)*
Day & Night ICR	Triggered by Light sensor, Scheduling, Digital Input	Onvif Support	Profile-S
Minimum Illumination	B/W: 0 Lux (IR ON) B/W: 0.001 Lux(F1.2,1/30 Sec., 50IRE) Color: 0.01 Lux(F1.2,1/30 Sec., 50IRE)	Power Input/ Operating Temperature	FD-300Np V5-SI 802.3 af POE/ DC12V 1A /AC 24V -10°C ~ 50°C (-23°F ~122°F)
IR Illuminators	FD-300Np V5-SI Built -in IR Illuminators, effective up to 30 meters IR LED: 20pcs IR wavelength: 850nm	Max. Power Consumption	DC12V 1.5A/AC 24V FD-300Np V5-SI: 12.5 Watts 802.3 af POE FD-300Np V5-SI: 15 Watts
Video		Environment	Weather Proof: IP67 Operating Humidity : 5% ~ 90%
Compression Streaming	H.264 / MPEG4 / MJPEG Simultaneous multiple streams	Max. User Access	20 users (depends on settings and available bandwidth)
Video Setting	Multi-Profile Image Management: Day/ Night/ Sunset/ User 1/ User 2 Shutter Control (Exposure): Auto / Manual Manual Shutter Control: 1/10000~1/5s White Balance Control: Auto / Manual Backlight Compensation: Adjustable Motion Detection: 4 zones (Selectable sensitivity) Privacy Masking: 4 zones Gain Control : Auto / Manual Manual Gain Control: 1X ~ 15X DNR: 2D+3D WDR : Up to 120dB (Selectable sensitivity) Flip &Mirror, Smoothness,GOP	Supported Languages	English, French, German, Spanish, Italian, Chinese,Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek
S/N Ratio	Above 50dB	Dimension	113.75 (D) mm X 144.25(H) mm
Image Resolution	3M: 2048x1536 @ 20fps 2M (Full HD): 1920x1080 @ 30fps 1M (HDTV): 1280x720 @ 30fps	Weight	860g/1.90lb
Events and Alarm Management		Housing	Weather-proof (IP67) Vandal-proof (IK10)
Events	Motion Detection Audio Detection Schedule Digital Input Temperature Alarm Auto Focus Shift for Day & Night Tamper alarm: (Focus Loss, Blockage, Spray Painting)*	Certification	FCC, CE, UL,IK10 RoHS
Alarm I/O Alarm	Input 1ea / Output 1ea Stream/Snapshot to FTP/Email/Samba/SD-Card HTTP/Email Notification/ Digital Output	Viewing System Requirements	OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 6/7 or above, Safari, Google Chrome Mobile : IOS, Android, Windows Mobile Cell Phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.6 or above
		Warranty	Limited 2-year warranty (*): Licence Base specifications