

N-Series Superior Night Vision 3 Megapixel Bullet Network Camera

OB-300Np V5-SI Series

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



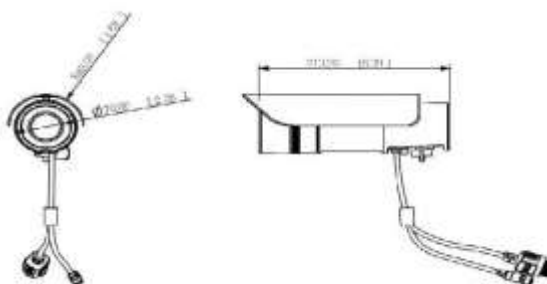
- Enhancement N-Series Sony Exmor 3M Outdoor Bullet Camera
- Brickcom WDR Enhancement® Technology inside up to 120dB
- **SmartFocus®** to Ease the Zoom and Focus Adjustment Remotely
- HDTV Quality (Full HD 1080p @ 30fps Streaming)
- **Intelligent Multi-Profile Sensor Management®** for Different Environments
- Removable IR-cut Filter /Auto Light Sensor for Day and Night
- IP67 Outdoor Enclosure Built-in Fan (-40°C ~ 60°C) and Heater
- Built-in IR Illuminators, effective up to 30 Meters
- Tamper alarm (Focus Loss, Blockage, Spray Painting)(Optional with extra license required)
- Two-way Audio/Built-in Micro SD/SDHC/SDXC Memory Card Slot for Local Storage
- 1 DI/DO for External Alarm and Sensor Device/ TV out Connector Supported
- PoE(802.3at) / PoE(802.3af)/ DC12V/ AC24V Supported
- Smart Adaptive IR LED, control for optimum scene illumination



Photo Indication & Dimension Diagram



- 1 ADAPTIVE LEDs
- 2 LENS
- 3 Light Sensor
- 4 RJ45 Connector 1 (For Ethernet, 802.3at PoE and 802.3af PoE)
- 5 DC12V / AC24V Connector
- 6 RJ45 Connector 2 (For Audio in/out, RS485, DIDO)



Camera		Events and Alarm Management	
Models	OB-300Np V5-SI: 3M, P-Iris, Motorized Lens (* Wi-Fi and 3G models are optional)	Events	Motion Detection Schedule/ Audio Detection/ Digital Input/ Tamper alarm (Focus Loss, Blockage, Spray Painting), Temperature Alarm/ Auto Focus Shift for Day & Night
Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR	Alarm I/O	Input 1ea / Output 1ea
Image Sensor	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)	Alarm	Stream/Snapshot to FTP/Email/Samba/SD-Card HTTP/Email Notification/ Digital Output
Lens	OB -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°	Audio	
Local Storage	Built-in Micro SD/SDHC/SDXC Max.64G Memory Card Slot	Audio Streaming	2-way Audio Support
Day & Night ICR	Triggered by Light sensor, Scheduling, Digital Input	Audio Compression	G.711, AMR (8 kHz, Mono, PCM)
Minimum Illumination	OB -300Np V5-SI: B/W : 0 Lux (IR ON) B/W : 0.001 Lux(F1.2,1/30 Sec., 50IRE) Color : 0.002 Lux(F1.2,1/30 Sec., 50IRE)	Audio Input/ Output	Line input : (Unbalanced, 1.4 Vp-p, 1 Vrms) Line out : (3.5mm stereo mini jack)
IR Illuminators	OB -300Np V5-SI: Built -In Smart Adaptive IR Illuminators, effective up to 30 meters IR LED:20pcs	General	
Video		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)*
Compression Streaming	H.264 / MPEG4 / MJPEG Simultaneous multiple streams	Onvif Support	Profile-S
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	Power Input	DC12V 1A / 802.3af PoE 802.3at PoE/ DC48V 0.8A AC24V
S/N Ratio	Above 50dB	Security	User and Password, HTTPS, IP Filter
Image Resolution	3M: 2048x1536 @ 20fps 2M (Full HD): 1920x1080 @ 30fps 1M (HDTV): 1280x720 @ 30fps	Power Input/	DC12V 1A, 802.3af PoE, 802.3at PoE/ DC48V 0.8A
		Working	-40°C ~ 60°C (-40°F ~140°F)
		Temperature Environment	(Build in fan and heater)
		Operating Humidity:	5% ~ 90%
		Max. Power Consumption	OB-300Np V5-SI 8.6 Watts (PoE 802.3af, IR on) 8.4 Watts (PoE 802.3at, IR on) 18.2 Watts (PoE 802.3at, IR&Heater&Fan on)
		Dimension	70(D) * 166(H) mm
		Weight	OB-300Np V5-SI Net: 1100 g/2.43lb
		Housing	Weather-proof (IP67)
		Certification	FCC, CE, UL, RoHS
		Max. User Access	20 users (depends on settings and available bandwidth)
		Supported Languages	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish,Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek
		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 VLC
		Warranty	Limited 2-year warranty (*): Licence Base specifications