

N-Series Superior Night Vision 2 Megapixel Bullet Network Camera

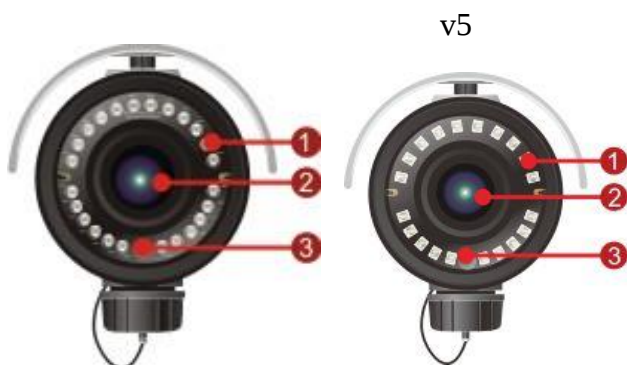
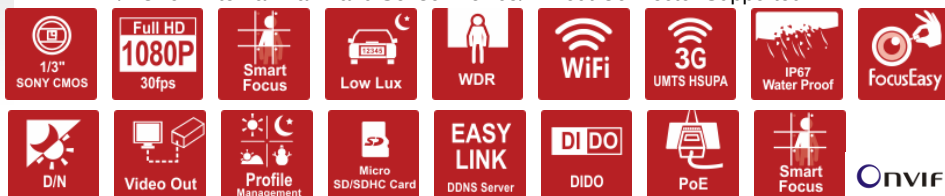
OB-200Np Series

HDTV 1080p/720p • 2M/1.3M Resolution Supported

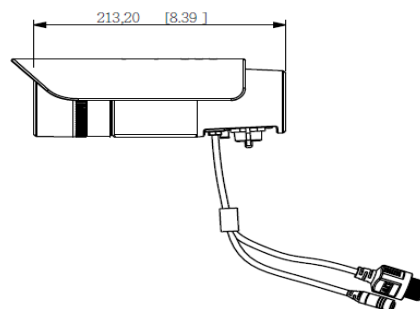
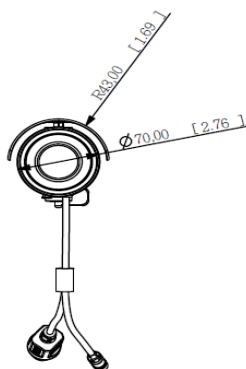


- N-Series Sony Exmor 2M Outdoor Bullet Camera
- Brickcom WDR Enhancement® Technology inside
- **SmartFocus®** to Ease the Zoom and Focus Adjustment Remotely (*)
*The feature is for OB-200Np/OB-200NpV5 *
- **FocusEasy™** to Ease the Focus Adjustment via the Buzzer for notification (*)
*The feature is for OB-202NpV5 *
- Motorized Lens / Vari-Focal Lens for Variable Needs
- 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 3G module and SIM slot for Wireless Connectivity
*The feature is for GOB-200Np/GOB-200NpV5 *
- Built-in IR Illuminators, effective up to 25 Meters
- Two-way Audio/Built-in Micro SD/SDHC Memory Card Slot for Local Storage
- 1 DI/DO for External Alarm and Sensor Device/ TV out Connector Supported

Photo Indication & Dimension Diagram



- 1 IR LED
 - 2 LENS
 - 3 Light Sensor
 - 4 RJ45 Connector 1 (For Ethernet, 802.3at PoE and 802.3af PoE)
 - 5 DC12V / AC24V Connector(*)
 - 6 Antenna Connector
 - 7 RJ45 Connector 2 (For Audio in/out, RS485, DI/DO)
- (*)- V5 only



Camera		Events and Alarm Management	
Models	OB-202Np/OB-202Np V5: 2M, Vari-Focal Lens OB-200Np/OB-200Np V5: 2M, Motorized Lens WOB-200Np/WOB-200Np V5: 2M, Motorized Lens, Wireless GOB-200Np/GOB-200Np 2M, Motorized Lens, 3G	Events	Motion Detection/ Schedule/ Audio Detection/ Digital Input/ Temperature Alarm(*)/ Auto Focus Shift for Day & Night(**) *OB-200Np V5/OB-202Np V5 Only **OB-200Np V5 Only
Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR	Alarm	Stream/Snapshot to FTP/Email/Samba/SD-Card HTTP/Email Notification/ Digital Output
Image Sensor		Audio	
Image Sensor	Sensor Type : 1/2.8" 2M Sony Exmor Megapixel sensor Sensor Resolution : 1920 x 1080 pixel	Audio Streaming	2-way Audio Support
Lens	Lens Type: Board Lens OB/WOB/GOB-200Np & B/WOB/GOB-200Np V5 & OB-202Np V5: Lens Type: Board Lens Focal Length: 3mm~10.5mm F value: F1.4 View Angle: Normal :(H)90°~30°(V)49°~17°(D) 103°~34° OB-202Np Lens Type: Board Lens Focal Length: 3.3mm~10.5mm F value: F1.4 View Angle: Normal :(H)76°~29°(V)42°~17°(D) 88°~34°	Audio Compression	G.711, AMR (8 kHz, Mono, PCM)
Local Storage	Built-in Micro SD/SDHC/SDXC Max.64G Memory Card Slot	Audio Input/ Output	Line input (Unbalanced, 1.4 Vp-p, 1 Vrms) / Line output
Day & Night ICR	Triggered by Light sensor, Scheduling, Digital Input	General	
Minimum Illumination	OB/WOB/GOB-200Np & OB/WOB/GOB-202Np V5 & OB-202Np V5: 0 Lux (IR ON, B/W) 0.001 Lux (IR OFF, B/W) 0.002 Lux(F1.4,Color) OB-200Np: 0 Lux (IR ON, B/W) 0.002 Lux (IR OFF, B/W) 0.003 Lux(F1.4,Color)	Communication	Ethernet : one 10/100Mbps RJ-45 IEEE 802.11a/b/g/n compliance WOB-200Np/WOB-200Np V5 HSUPA/UMTS 850/1900/2100 GOB-200Np/GOB-200Np V5 Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP, IPv6
IR Illuminators	Built -In IR Illuminators, OB/WOB/GOB-200Np & OB-202Np: effective up to 15 meters IR LED: 24pcs OB/WOB/GOB-200Np V5 & OB-202Np V5: effective up to 25 meters IR LED:20pcs	Power Input	DC12V 1A / 802.3af PoE 802.3at PoE/ DC48V 0.8A* AC24V* *OB-200Np V5/OB-202Np V5 Only
Video		Power Input/ Temperature/ Environment	Operating Temperature: DC12V 1A / 802.3af PoE: -20°C ~ 60°C (-4°F ~140°F) 802.3at PoE/ DC48V 0.8A: (build in fan and heater): -40°C ~ 60°C (-40°F ~140°F) Operating Humidity: 10% ~ 80%
Compression Streaming	H.264 / MPEG4 / MJPEG Simultaneous multiple streams	Max. Power Consumption	OB-202Np & OB-202Np V5 7.6 Watts (PoE 802.3af, IR on) 7.8 Watts (PoE 802.3at, IR on) 18.2 Watts (PoE 802.3at, IR&Heater&Fan on) OB-200Np/WOB-200Np/GOB-200Np & OB-200Np/WOB-200Np/GOB-200Np V5 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)
Video Setting	Multi-Profile Image Management: Day/ Night/ Sunset/ User 1/ User 2 Auto Exposure Control/Gain/ White Balance Control Manual Exposure Control: 1/10000~1/5s Manual Gain Control: 1X ~ 15X	Dimension Weight	70(D) * 166(H) mm OB-200Np/OB-202Np & OB-200Np V5/OB-202Np V5 Net: 1100 g/2.43lb W/GOB-200Np & W/GOB-200Np V5 Net: 1110 g/2.45lb
S/N Ratio	Above 50dB	Housing	Weather-proof (IP67)
Image Resolution	2M (Full HD): 1920x1080 @ 30fps 1M (HDTV): 1280x720 @ 30fps	Certification	FCC, CE
		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
		Warranty	Limited 2-year warranty

OB-200N Series	OB-200Np	WOB-200Np	GOB-200Np	OB-202Np
Lens Type	Motorized-Len (SmartFocus®)	Motorized-Lens (SmartFocus®)	Motorized-Lens (SmartFocus®)	Vari-Focal-Lens
Wireless (11a/b/g/n dual band WiFi)	-	✓	-	-
3G/ 4G(WiMAX/LTE)	-	-	✓	-
Operating Temperature; Max. Power Consumption	-20°C ~ 60°C ; 10 Watts (DC12V 1A / 802.3af) -40°C ~ 60°C; 22 Watts(DC48V 0.8A/PoE 802.3at)		-20°C ~ 60°C; 8 Watts (DC12V 1A / 802.3af) -40°C ~ 60°C;20 Watts(DC48V 0.8A/PoE 802.3at)	

OB-200N Series	OB-200Np V5	WOB-200Np V5	GOB-200Np V5	OB-202Np V5
Lens Type	Motorized-Len (SmartFocus®)	Motorized-Lens (SmartFocus®)	Motorized-Lens (SmartFocus®)	Vari-Focal-Lens (FocusEasy™)
Wireless (11a/b/g/n dual band WiFi)	-	✓	-	-
3G/ 4G(WiMAX/LTE)	-	-	✓	-
Operating Temperature; Max. Power Consumption	-20°C ~ 60°C ; 10 Watts (DC12V 1A / 802.3af) -40°C ~ 60°C; 22 Watts(DC48V 0.8A/PoE 802.3at)		-20°C ~ 60°C; 8 Watts (DC12V 1A / 802.3af) -40°C ~ 60°C;20 Watts(DC48V 0.8A/PoE 802.3at)	

Work Best With

Camera Accessories Options



CI-812
Camera Bracket



GEM04-222008A
Wi-Fi Dual Band Omni Antenna



GEM07-15072A
3G Antenna

Network Equipment Options



GEM04-222060
Wi-Fi Dual Band Antenna



POE30U
High Power PoE Injector