

## N-Series Superior Night Vision 2 Megapixel Bullet Network Camera

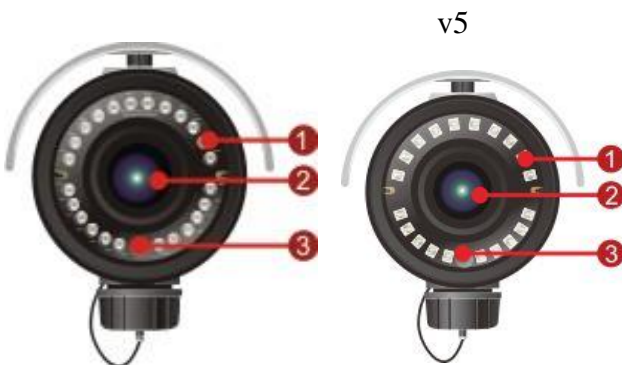
### OB-200Np Series

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

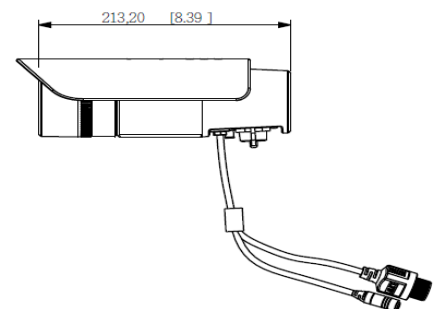
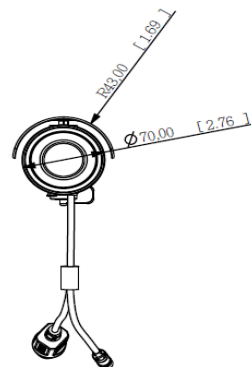


- N-Series Sony Exmor 2M Outdoor Bullet Camera
- Brickcom WDR Enhancement® Technology inside
- **SmartFocus®** to Ease the Zoom and Focus Adjustment Remotely (\*)  
*\*The feature is for OB-200Np/OB-200NpV5 \**
- **FocusEasy™** to Ease the Focus Adjustment via the Buzzer for notification (\*)  
*\*The 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	
<b>Models</b>	<b>OB-202Np/OB-202Np V5:</b> 2M, Vari-Focal Lens <b>OB-200Np/OB-200Np V5:</b> 2M, Motorized Lens <b>WOB-200Np/WOB-200Np V5:</b> 2M, Motorized Lens, Wireless <b>GOB-200Np/GOB-200Np</b> 2M, Motorized Lens, 3G	<b>Events</b>	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
<b>Hardware System</b>	CPU: 533 MHz Flash: 32M RAM: 256M DDR	<b>Alarm</b>	Stream/Snapshot to FTP/Email/Samba/SD-Card HTTP/Email Notification/ Digital Output
<b>Image Sensor</b>	Sensor Type : 1/2.8" 2M Sony Exmor Megapixel sensor Sensor Resolution : 1920 x 1080 pixel	Audio	
<b>Lens</b>	Lens Type: Board Lens <b>OB/WOB/GOB-200Np &amp; B/WOB/GOB-200Np V5 &amp; OB-202Np V5:</b> 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° <b>OB-202Np</b> 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°	<b>Audio Streaming</b>	2-way Audio Support
<b>Local Storage</b>	Built-in Micro SD/SDHC/SDXC Max.64G Memory Card Slot	<b>Audio Compression</b>	G.711, AMR (8 kHz, Mono, PCM)
<b>Day &amp; Night ICR</b>	Triggered by Light sensor, Scheduling, Digital Input	<b>Audio Input/ Output</b>	Line input (Unbalanced, 1.4 Vp-p, 1 Vrms) / Line output
<b>Minimum Illumination</b>	<b>OB/WOB/GOB-200Np &amp; OB/WOB/GOB-202Np V5 &amp; OB-202Np V5:</b> 0 Lux (IR ON, B/W) 0.001 Lux (IR OFF, B/W) 0.002 Lux(F1.4,Color) <b>OB-200Np:</b> 0 Lux (IR ON, B/W) 0.002 Lux (IR OFF, B/W) 0.003 Lux(F1.4,Color)	General	
<b>IR Illuminators</b>	Built -In IR Illuminators, <b>OB/WOB/GOB-200Np &amp; OB-202Np:</b> effective up to 15 meters IR LED: 24pcs <b>OB/WOB/GOB-200Np V5 &amp; OB-202Np V5:</b> effective up to 25 meters IR LED:20pcs	<b>Communication</b>	Ethernet : one 10/100Mbps RJ-45 IEEE 802.11a/b/g/n compliance <b>WOB-200Np/WOB-200Np V5</b> <b>HSUPA/UMTS 850/1900/2100</b> <b>GOB-200N/GOB-200Np V5</b> Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP, IPv6
Video		<b>Power Input</b>	DC12V 1A / 802.3af PoE 802.3at PoE/ DC48V 0.8A* AC24V* *OB-200Np V5/OB-202Np V5 Only
<b>Compression Streaming</b>	H.264 / MPEG4 / MJPEG Simultaneous multiple streams	<b>Power Input/ Temperature/ Environment</b>	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%
<b>Video Setting</b>	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	<b>Max. Power Consumption</b>	<b>OB-202Np &amp; OB-202Np V5</b> 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) <b>OB-200Np/WOB-200Np/GOB-200Np &amp; OB-200Np/WOB-200Np/GOB-200Np V5</b> 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)
<b>S/N Ratio</b>	Above 50dB	<b>Dimension</b>	70(D) * 166(H) mm
<b>Image Resolution</b>	<b>2M (Full HD):</b> 1920x1080 @ 30fps <b>1M (HDTV):</b> 1280x720 @ 30fps	<b>Weight</b>	<b>OB-200Np/OB-202Np &amp; OB-200Np V5/OB-202Np V5</b> Net: 1100 g/2.43lb <b>W/GOB-200Np &amp; W/GOB-200Np V5</b> Net: 1110 g/2.45lb
		<b>Housing</b>	Weather-proof (IP67)
		<b>Certification</b>	FCC, CE
		<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

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