

5 Megapixel Bullet Network Camera

OB-500Ap Series

HDTV 1080p/720p • 5M/4M/3M/2M Resolution Supported



- Most Intelligent and Professional 5M Outdoor Bullet Camera
 - 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
 - **SmartFocus®** to Ease the Zoom and Focus Adjustment Remotely
 - Built-in IR Illuminators, effective up to 25 Meters(*)
 - Two-way Audio/Built-in Micro SD/SDHC/SDXC Memory Card Slot for Local Storage
 - 1 DI/DO for External Alarm and Sensor Device
 - PoE(802.3at) / PoE(802.3af)/ DC12V(*)/ AC24V(*) Supported
 - Smart IR to adjust the IR LED light across the entire area to get a well illuminated image
- (*V5 only)

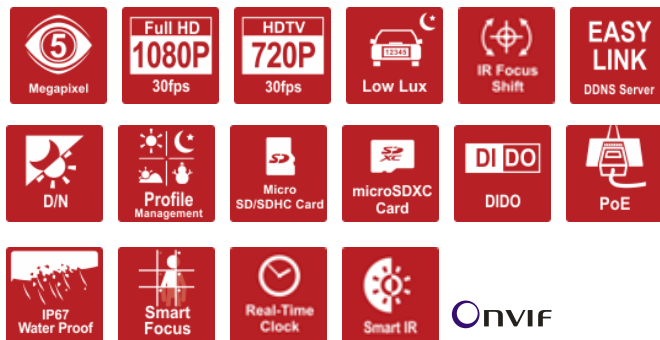
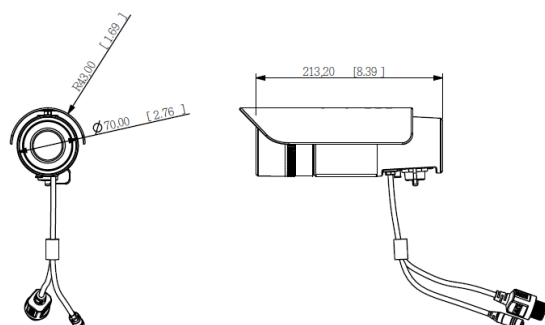


Photo Indication & Dimension Diagram

v5



- 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 RJ45 Connector 2 (For Audio in/out, RS485, DIDO)



Camera	
Models	OB-500Ap/OB-500Ap V5: 5M, Motorized Lens
Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR
Image Sensor	Sensor Type : 1/2.5" CMOS 5 Megapixel Sensor Sensor Resolution : 2592 x 1944 pixel
Lens	Lens Type: Board Lens Iris: F1.4 OB-500Ap: Focal Length: f=3~10.5mm View Angle: (H): 95°~33°/ (V): 70°~25°/ (D): 120°~41° OB-500Ap V5: Focal Length: f=3.3~10.5mm Iris: F1.4 View Angle: (H): 90°~33°/ (V): 65°~25°/ (D): 115°~41°
Local Storage	Built-in Micro SD/SDHC/SDXC Memory Card Slot (Max. 64G) (*V5 only)
Day & Night ICR	Triggered by Light sensor, Scheduling, Digital Input
IR Illuminators	Built -In IR Illuminators, OB-500Ap: effective up to 15 meters IR LED: 24pcs OB-500Ap V5: effective up to 25 meters IR LED: 20pcs
Minimum Illumination	OB-500Ap: 0 Lux(IR ON,B/W) 0.01 Lux(IR OFF,B/W) 0.008Lux(F1.4,Color) OB-500Ap V5: 0 Lux(IR ON,B/W) 0.02 Lux(IR OFF,B/W) 0.01 Lux(F1.4,Color)/
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: 1/20000~1/5s Manual Gain Control: 1X ~ 32X Manual White Balance Control:2000K~7000K
S/N Ratio	38.1 dB
Image Resolution	5M : 2592x1944 @ 10fps (5M supports MJPEG only) 4M : 2304x1728 @ 15fps 3M : 2048x1536 @ 18fps 2M (Full HD): 1920x1080 @ 30fps 1M (HDTV): 1280x720 @ 30fps
Events and Alarm Management	
Events	Motion Detection/ Schedule/ Audio Detection/ Digital Input/ Temperature Alarm(*)/ Auto Focus Shift for Day & Night(*) *OB-500Ap V5
Alarm	Stream/Snapshot to FTP/Email/Samba/SD-Card HTTP/Email Notification/ Digital Output

Audio	
Audio Streaming	2-way Audio Support
Audio Compression	G.711, AMR (8 kHz, Mono, PCM)
Audio Input/ Output	Line input (Unbalanced, 1.4 Vp-p, 1 Vrms) / Line output
General	
Communication	Ethernet : one 10/100Mbps RJ-45 IEEE 802.11a/b/g/n compliance Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP, IPv6
Power Input	DC12V 1A / 802.3af PoE 802.3at PoE/ DC48V 0.8A AC 24V
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%
Max. Power Consumption	OB-500Ap&OB-500Ap V5 9 Watts (DC12V 1A / 802.3af) 11 Watts (DC48V 0.8A/PoE 802.3at)
Dimension	70(D) * 166(H) mm
Weight Housing	Net: 1100 g/2.43lb Weather-proof (IP67)
Certification	FCC, CE
Viewing System Requirements	OS: Microsoft Windows 7/Vista/XP/2000/7 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-500A Series	OB-500Ap	OB-500Ap V5
Lens Type	Motorized-Len (SmartFocus®)	Motorized-Len (SmartFocus®)
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)	

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