

MODEL #

B9Z2812IP4MP-AI

Onvif® | GSI



4G WiFi **NETWORK CAMERA**



4MP
RESOLUTION

4MP
Resolution



2.8-12MM
Motorized Lens



Dual Light Modes -
See in Color at Night



4G Wireless
Connection



Two-Way
Communication



Audio/Alarm
In/Out



Waterproof &
Dustproof IP67



Wind Resistance
Level 12

The **B9Z2812IP4MP-AI** 4G Wireless Network Camera delivers crisp 4MP resolution with a 2.8–12mm motorized lens and full-color night vision. Featuring dual light modes, two-way audio, AI-powered detection, and alarm I/O, it provides intelligent real-time protection. Designed for reliable remote surveillance with 4G connectivity, IP67 weatherproof protection, and Level 12 wind resistance, it is built to perform in demanding outdoor environments.





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VIDEO

Imaging Device	1/1.8"
Effective Pixels	4MP 2688(H)×1520(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.0005lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON

LENS TYPE

Focal Length (Zoom Ratio)	2.8-12mm
Max. Aperture Ratio	F No. 1.2
Angular Field of View	Horizontal: 110-40°, Vertical: 57-22°, Diagonal: 137-46°
Min. Object Distance	W:1.75m, T: 5.21m
Lens Type	Ø16.7

OPERATIONAL

IR LED	4
WarmLight	4
IR Viewable Length	R Distance: Up to 30m
WarmLight Viewable Length	Up to 25m
Type of complementary light	Default warm light, switchable infrared light
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Image Setting	Full Color Mode/Day&Night Mode/Smart Illumination
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	1 input, 1 output
Audio	1 input (RCA), 1 output (RCA), Built-in microphone & speaker
Custom Voice	Yes
Hardware Reset	Yes
AI Features	Pedestrian & Vehicle, Line Crossing, Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, Rare Sound, Intrusion, Region Entrance, Region Exiting

NETWORK

Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264/H.265+/H.264+/MJPEG
Resolution	Main Stream: 4MP (2688x1520), 3MP (2304x1296), 1080P (1920x1080), 720P(1280x720) Sub Stream: 720P(1280x720), VGA(640x480), QVGA(320x240) Mobile Stream: VGA (640x480), QVGA (320x240)
Video Quality Adjustment	256Kbps ~ 8Mbps
Bitrate control method	CBR/VBR
IP	IPv6
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	IP address filter; complicated password; Authenticated username and password
Application Programming Interface	ONVIF(Profile S/G/T)
Web Viewer	IE10/11, Safari V12.1 above, Firefox V.52 above Google chrome V.57 above, Edge V.79 above

MOBILE COMMUNICATION

SIM Card Type	Micro SIM
Frequency	LTE-TDD: Band 38/39/40/41; LTE-FDD: Band 1/2/3/4/5/7/8/12/13/18/19/20/25/26/28; WCDMA: Band 1/2/4/5/6/8/19
GSM	GSM850/EGSM900/DCS1800/PCS1900

INTERFACES

Network	1 RJ45 10M/100M self-adaptive Ethernet port
Wi-Fi	IEEE802.11b/g/n; 2.4G

ENVIRONMENTAL

Operating Conditions	-20°C to 60°C (-4°F to 140°F). Humidity 95% or less (non-condensing)
Ingress Protection	Camera: IP67, Wind Resistance 12 level

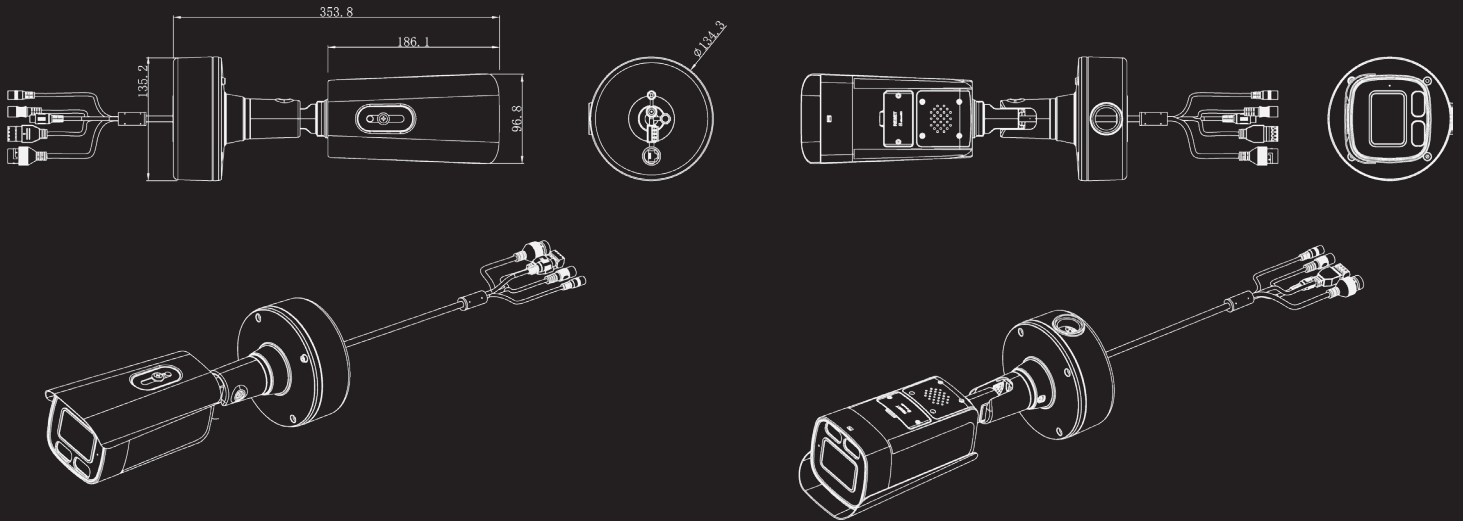


ELECTRICAL

Power Power, DC 12V, 4-pin Waterproof Connector, 3.5 mm DC Connector, Max Power Consumption: 8.7W

Material Metal

DIMENSIONS



COMPATIBLE ACCESSORIES

WALL MOUNT SOLUTION

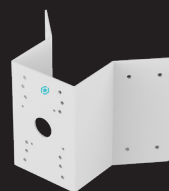
Included

JUNCTION BOX



B6BASE1
JUNCTION BOX

CORNER MOUNT SOLUTION



COMB6
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



PMB6
POLE MOUNT BRACKET

DOWNLOAD THE SMART GUARDIAN APP

