MODEL #

B7Z2812IP5MP-AI-N

OCTAVUE® BY GSD GROUP

BULLET **NETWORK CAMERA**

ONVIF | GMST | NDAA Conforme | N



5MP RESOLUTION

5MP
2880(H)×1620(V)

2.8–12 mm

IR Up to 45M

Alarm/Audio In/Out

IP67

IP67 Waterproof & Dustproof

256GB

Micro SD Card Slot up to 256GB

Explore our **B7Z2812IP5MP-AI-N** security camera, an innovation in surveillance designed to enhance your security measures. Equipped with a motorized lens and a 5MP resolution, this camera provides exceptionally sharp high-definition images, ensuring outstanding clarity at every moment. With audio input/output and alarm functions, it offers comprehensive surveillance and communication features. Its advanced AI capabilities enable intelligent detection, distinguishing ordinary movements from potential threats. Easily connect via P2P for a hasslefree setup and receive instant notifications on your device, keeping you informed of any detected activity in real-time.

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VIDEO

Imaging Device	1/2.7″
Effective Pixels	5MP 2880(H)×1620(V)
Scanning System	Progressive Scan CMOS
Min Illumination	Color 0.004 lux @ F1.6 (AGC on); B/W 0 lux (IR on)

LENS TYPE

Focal Length (mm)	2.8–12 mm
Aperture	F1.8–F3.3
Field of View	H 107–34° / V 55–19° / D 134–38°
Min. Object Distance	0.2 m
Lens Type	Motorized (Ø14)

OPERATIONAL

IR range	45 m
Camera Title	Show/Hide
Day Night Mode	IR cut filter with auto switch (Day/Night/Auto/Schedule)
Backlight Compensation (BLC)	Off/On (5 Zones)
Wide Dynamic Range (WDR)	WDR
3D Noise Reduction	3D DNR
Motion Detection	Off/On (8 Levels)
Privacy Masking	Off/On (4 Zones, Rectangle)
Gain Control	Auto
White Balance	Auto/Manual/Indoor
Shutter Speed	1/5 – 1/20000 s
Image Settings	Flip/Rotation
Onboard Storage	Micro SD, up to 256GB
Alarm I/O	1 in / 1 out
Audio Type	1 in (RCA), 1 out (RCA)
Hardware Reset	Yes
Ai Features	Face Detection (FD), Pedestrian & Vehicle Detection (PD&VD), Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Stationary Object Detection (SOD), Cross Counting (CC), Heat Map (HM), Crowd Density Detection (CD), Queue Length Detection (QD), License Plate Detection (LPD), Rare Sound Detection (RSD), Intrusion Detection (ID), Region Entrance & Exiting (RE)

NETWORK

Ethernet	1× RJ45 (10/100BASE-T)
Compression	H.265/H.264
Resolution	**Main Stream @30fps** 4MP(2550x1440), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720) **Sub Stream @30fps** 720P(1280x720) **Mobile Stream @30fps** VGA(640x480), QVGA(320x240)
Bitrate Range	256 Kbps – 8 Mbps
Bitrate Control	CBR/VBR
Streaming Capability	Triple-Stream (Main/Sub/Mobile)
IP Version	IPv4/IPv6
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	IP address filter;complicated password; Authenticated username and password
Streaming Method	Unicast/Multicast
Max Users	7 (admin + users)
ONVIF Profile	Profile G/M/S/T
Web Viewer	IE 10/11, Chrome 57+, Firefox 52+, Safari 12.1+, Edge 79+

GENERAL

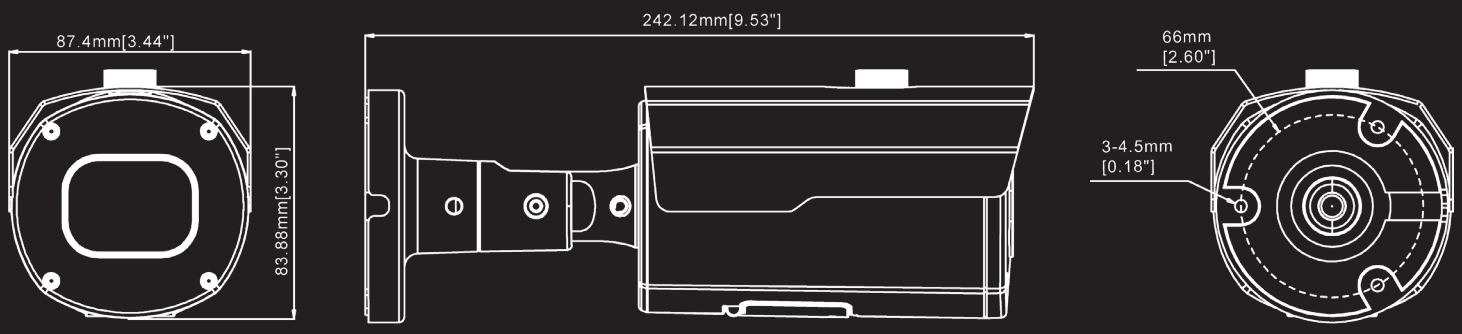
Operating Temp / Humidity	-35°C to +60°C / ≤ 90% RH
IP Rating	IP67
Input Voltage	DC12V / PoE (IEEE 802.3af)
Power Consumption	3W/4W (IR off) / 7W/9W (IR on)
Color/Material	White/Metal
Dimensions	Ø242×87.4×83.88 mm
Weight	811 g

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DIMENSIONS

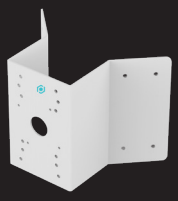


COMPATIBLE ACCESSORIES

WALL MOUNT SOLUTION

Included

CORNER MOUNT SOLUTION



COMB6
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



PMB6
POLE MOUNT BRACKET

JUNCTION BOX



B6BASE1
JUNCTION BOX

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SECURITY. INNOVATION. RELIABILITY.

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At G.S.D Group, we design and deliver innovative, reliable, and high-performance security solutions that protect people, businesses, and critical infrastructure. From intelligent surveillance and access control to enterprise software and AI-powered technologies, we provide complete security ecosystems built for today's challenges and tomorrow's opportunities.

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ONVIF COMPLIANT

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