MODEL #

XSEBIP8MP28-AI+

OCTAVUE® BY GSD GROUP

ULTRA SERIES AI+

SPECTRAL CAMERA

ONVIF | GMST | NDAA Conforme | AI



Introducing the **XSEBIP4MP28-AI+**, a high-performance security camera designed to deliver reliable monitoring and clear video quality in various environments. Providing real-time video output at a maximum resolution of 3840x2160@30fps, it ensures detailed and smooth surveillance for everyday security applications. Equipped with AI-ISP technology, the camera delivers excellent noise reduction, improving image clarity in different lighting conditions. Intelligent analytics further enhances monitoring capabilities, enabling smarter and more efficient surveillance. The camera supports warm light and infrared dual supplementary lighting, allowing effective monitoring both during the day and at night. It also supports backlight compensation, strong light suppression, 3D digital noise reduction, and a 120dB wide dynamic range, making it suitable for different video environments while maintaining balanced image quality. For added functionality, the device is equipped with 1 built-in microphone and 1 built-in speaker. Built for durability, it is designed to meet IP67 dust and water resistance standards, ensuring reliable performance in both indoor and outdoor environments.

8MP RESOLUTION

8MP
3840(H)×2160(V)

2.8 mm

IR Up to 25M

See In Full Color At Night

Two-Way Communication

Audio/Alarm In/Out

IP67

IP67 Waterproof & Dustproof

1TB MICRO SD CARD

Micro SD Card Slot up to 1TB

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VIDEO

Sensor	1/1.8" Progressive Scan CMOS
Max Resolution	8MP 3840×2160@30fps
Min Illumination	Color 0.0007 lux @ F1.0 (AGC on); B/W 0 lux (IR on)
Scanning System	Progressive Scan CMOS

LENS

Focal Length (mm)	2.8 mm
Aperture	F1.0
Field of View	H 110° / V 60° / D 113°
Min. Object Distance	2.5 m

OPERATIONAL

IR Led Count	1
Warm Light Count	2
Deterrent Lights	2 (1 red & 1 blue)
IR Range	25 m
Warm Light Range	20 m
Supplement Light Type	Default warm light, switchable infrared light
Motion Detection	Off/On (8 Levels)
Wide Dynamic Range (WDR)	WDR 120 dB
3D Noise Reduction	3D DNR
Image Settings	Full Color Mode/Day&Night Mode/Smart Illumination
White Balance	Auto/Manual
Shutter Speed	1/5 – 1/20000 s
Onboard Storage	Micro SD, up to 1TB
Alarm I/O	N/A
Audio Type	Built-in microphone & speaker
Custom Voice	Yes
Hardware Reset	Yes
Ai Features	Face Recognition (FR), Pedestrian & Vehicle Detection (PD&VD), Perimeter Intrusion Detection (PID), Multi-Target-Type Recognition (MTR), 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), Fall Detection (FAD), Fire & Smoke Detection (FSD)

NETWORK

Ethernet	1× RJ45 (10/100BASE-T)
Compression	H.265+/H.265/H.264+/H.264/MJPEG
Resolution	**Main Stream @30fps** 8MP(3840x2160), 5MP(2592x1944, 3072x1728), 4M 3MP(2304x1296), 1080P(1920x1080), 960P(1280*9 720P(1280x720) **Sub Stream @30fps** 720P(1280x720), VGA(640x480), QVGA(320x240) **Mobile Stream @30fps** VGA(640x480), QVGA(320x240)
Bitrate Range	256 Kbps – 16 Mbps
Bitrate Control	CBR/VBR
IP Version	IPv4/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
ONVIF Profile	Profile G/M/S/T
Web Viewer	IE 10/11, Chrome 57+, Firefox 52+, Safari 12.1+, Edge 79+

GENERAL

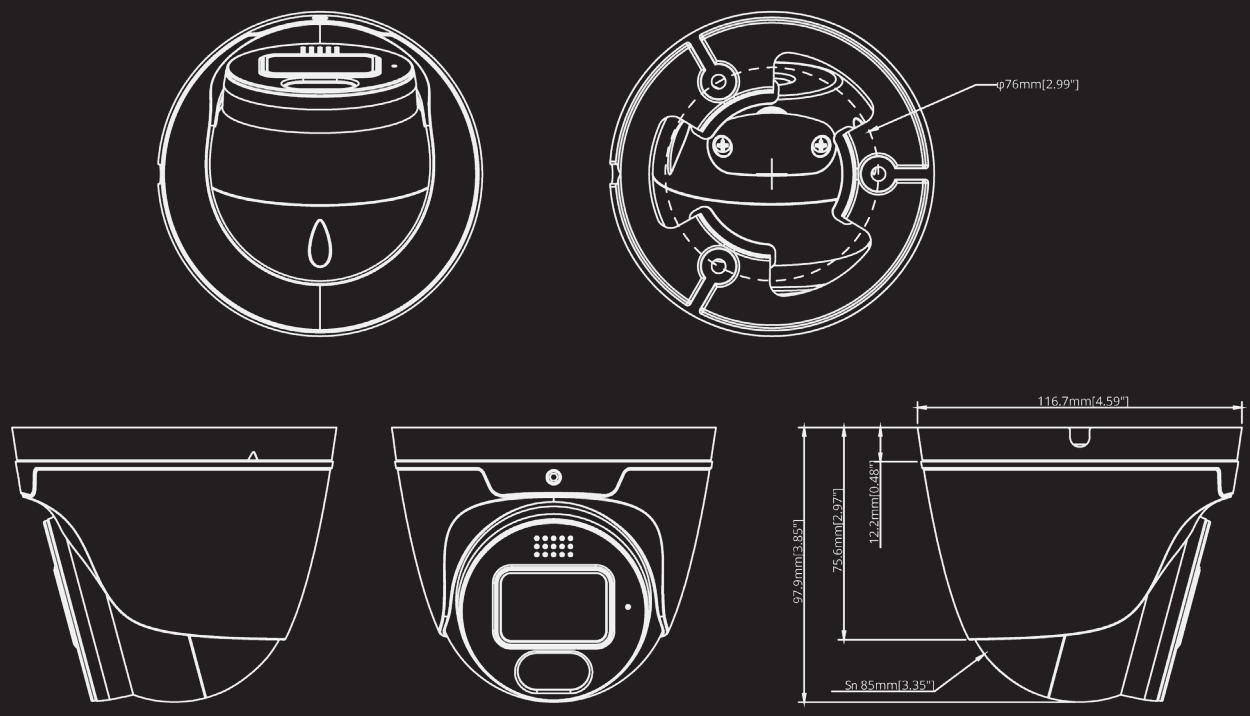
Operating Temp	-35°C to +60°C
IP Rating | Ik Rating	IP67
Input Voltage	DC12V / PoE (IEEE 802.3af)
Material	Metal

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DIMENSIONS



COMPATIBLE ACCESSORIES

CIELING MOUNT SOLUTION

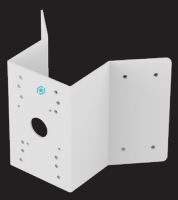


CMB6-G
CEILING MOUNT

+

EB3BASE4-G
PENDANT

CORNER MOUNT SOLUTION



COMB6
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



PMB6
POLE MOUNT BRACKET

WALL MOUNT SOLUTION



WMB2
WALLMOUNT BRACKET

OR

WMB6
WALLMOUNT BRACKET

+

EB3BASE4-G
PENDANT

JUNCTION BOX



EB3BASE5
JUNCTION BOX

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SECURITY. INNOVATION. RELIABILITY.

POWERED BY G.S.D GROUP INC.

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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