MODEL #

TEBFDAIP8MP28-AI-L

OCTAVUE® BY GSD GROUP

EYEBALL **NETWORK CAMERA**

ONVIF | GMST | NDAA Conforme



8MP RESOLUTION

8MP
3840(H)×2160(V)

2.8 mm

IR Up to 30M

Built-in Microphone

IP67 Waterproof & Dustproof

Micro SD Card Slot up to 1TB

The **TEBFDAIP8MP28-AI-L** surveillance camera offers highdefinition resolution thanks to its 8MP sensor, providing sharp and precise videos. Equipped with infrared technology offering night vision up to 30 meters, it ensures effective surveillance at all times. Its 2.8mm lens provides a wide field of view, and its low light sensitivity of 0.009 lux ensures optimal performance even in low light conditions. Available in black or white, this camera incorporates artificial intelligence features for advanced surveillance, including a built-in microphone. It is compatible with Power over Ethernet (PoE) of 5.5W, facilitating its power supply and connection.

This camera model is also available in black - **TEBFDAIP8MP28-AI-L-B**.

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VIDEO

Imaging Device	1/2.7"
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive Scan CMOS
Min Illumination	Color 0.009 lux @ F1.6 (AGC on); B/W 0 lux (IR on)

LENS TYPE

Focal Length (mm)	2.8 mm
Aperture	F1.6
Field of View	H 110° / V 58° / D 132°
Min. Object Distance	1.8 m
Lens Type	Fixed (M12)

OPERATIONAL

IR Range	30 m
Camera Title	Show/Hide
Day Night Mode	IR cut filter with auto switch (Day/Night/Auto/ Image/Schedule)
Backlight Compensation (BLC)	Off/On (5 Zones)
Wide Dynamic Range (WDR)	DWDR
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
Shutter Speed	1/5 – 1/20000 s
Onboard Storage	Micro SD, up to 1TB
Alarm I/O	N/A
Audio Type	Built-in microphone
Hardware Reset	Yes
Ai Features	Rare Sound Detection (RSD), Perimeter Intrusion Detection (PID), Face Detection (FD), Stationary Object Detection (SOD), Crowd Density Detection (CD), Pedestrian & Vehicle Detection (PD&VD), Line Crossing Detection (LCD), Queue Length Detection (QD), Heat Map (HM), Cross Counting (CC), License Plate Detection (LPD)

NETWORK

Ethernet	1× RJ45 (10/100BASE-T)
Compression	H.265/H.264
Resolution	**Main Stream @20fps** 8MP(3840x2160), 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280x960), 720P(1280x720) **Sub Stream @30fps** 720P(1280x720) **Mobile Stream @20fps** VGA(640x480), QVGA(320x240)
Bitrate Range	256 Kbps – 16 Mbps
Bitrate Control	CBR/VBR
Streaming Capability	Triple-Stream (Main/Sub/Mobile)
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
Streaming Method	Unicast/Multicast
ONVIF Profile	Profile G/M/S/T
Web Viewer	IE 10/11, Chrome 57+, Firefox 52+, Safari 12.1+, Edge 79+

GENERAL

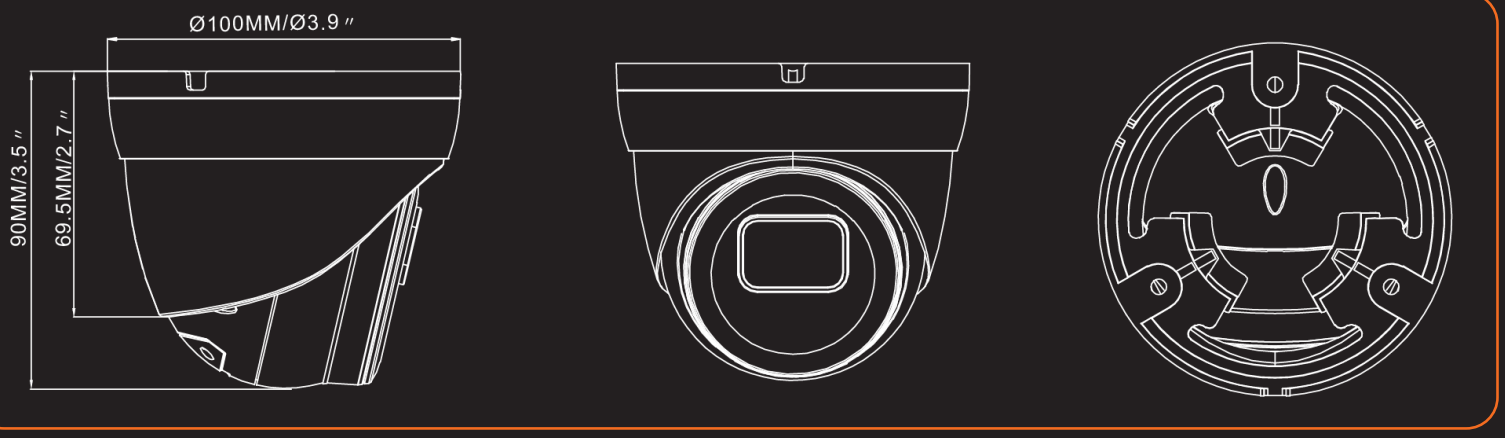
Operating Temp / Humidity	-35°C to +60°C / ≤ 90% RH
IP Rating	IP67
Input Voltage	DC12V / PoE (IEEE 802.3af)
Power Consumption	2W-3W (IR off) / 4W-5.5W (IR on)
Color/Material	White/Metal
Dimensions	Ø100×90 mm
Weight	420 g

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DIMENSIONS



COMPATIBLE ACCESSORIES

CIELING MOUNT SOLUTION



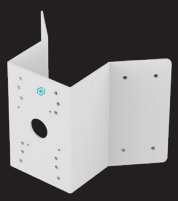
CMB6-G
CEILING MOUNT

+



TEBBASE1-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

+



TEBBASE1-G
PENDANT

JUNCTION BOX



TEBBASE1
JUNCTION BOX

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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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COMPLIANCE

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CONNECTION & INTERFACES

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