

MODEL #

TEBFDAIP12MP28-AI



EYEBALL NETWORK CAMERA

Onvif® | GMS1 | NDAA Compliant | N



12MP
RESOLUTION



12MP
Resolution

2.8MM
Lens



IR Up to
30M

Built-in
Microphone



IP67
Waterproof
& Dust-tight

Micro SD Card
Slot up to 1TB

The **TEBFDAIP12MP28-AI** surveillance camera delivers ultra-high-definition 12MP resolution with a progressive CMOS sensor for exceptional image clarity. Equipped with AI-powered analytics, it supports Face Recognition, Human & Vehicle Detection, Line Crossing, Intrusion Detection, Crowd Density, Heat Map, Queue Length, License Plate Recognition, and more. Its 2.8mm fixed lens provides a wide 98° horizontal field of view, while integrated infrared LEDs deliver night vision up to 30 meters. Built with a starlight sensor, built-in microphone, IP67 weatherproof metal housing, and PoE (IEEE802.3af) support, it provides reliable performance for demanding surveillance applications.



VIDEO

Imaging Device	1/2.49"
Effective Pixels	12MP 4512(H) × 2512(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.01 lux @ F1.6 (AGC ON) B/W 0 lux @ IR ON

LENS TYPE

Focal Length (Zoom Ratio)	2.8 mm
Max. Aperture Ratio	F No.1.6
Angular Field of View	Horizontal: 98°, Vertical: 53°, Diagonal: 113°
Min. Object Distance	1m
Lens Type	Fixed (M12)

OPERATIONAL

IR LED	2
IR Viewable Length	Up to 30m
Camera Title	Show/Hide
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Image/Schedule)
Wide Dynamic Range	DWDR
Digital Noise Reduction	3D DNR
Motion Detection	Off/On (8 Levels)
Privacy Masking	Off/On (4 Zones, Rectangle)
Gain Control	Auto
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 1TB
Alarm	NA
Audio	Built-in microphone
Hardware Reset	Yes

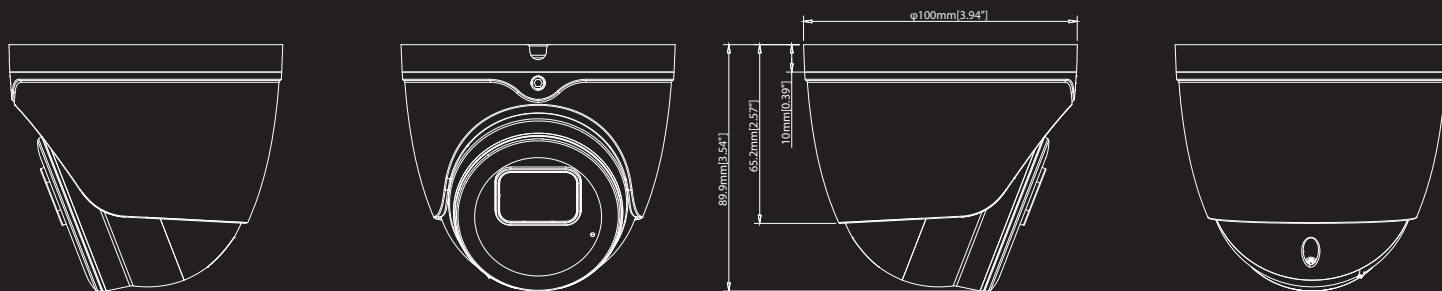
NETWORK

Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265, H.264,H.265+,H.264+,MJPEG
Resolution	Main Stream @30fps: 812MP (4512×2512),8MP (3840×2160),5MP (2592×1944),3072×1728,4MP (2592×1520),3MP (2304×1296),1080P (1920×1080) Sub Stream @30fps: 1080P (1920×1080),720P (1280×720),VGA (640×480),QVGA (320×240) Mobile Stream @30fps: VGA (640×480) QVGA (320×240)
IP	IPv6
Video Quality Ajustment	256Kbps ~ 16Mbps
Bitrate Control Method	CBR/VBR
Streaming Capability	Triple-Stream(Main/Sub/Mobile)
Protocol	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
Application Programming Interface	ONVIF (Profile G/M/S/T)
Compatible Web Browsers	IE10 / IE11, Safari V12.1 above, Firefox V52 above, Google Chrome V57 above, Edge V79 above

GENERAL

Operating Conditions	-35°C ~ +60°C Less than ≤90% RH
Ingress Protection	IP67
Input Voltage / Current	DC12V / PoE (IEEE802.3af)
Material	Metal
Smart Features	Face Recognition,Pedestrian & Vehicle,Line Crossing,Object Detection,Crossing Counting,Heat Map,Crowd Density,Queue Length,License Plate,Rare Sound,Intrusion,Region Entrance,Region Exiting

DIMENSIONS



COMPATIBLE ACCESSORIES

CEILING MOUNT SOLUTION

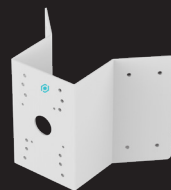


CMB6
CEILING MOUNT



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

DOWNLOAD OUR APP: OV CONNECT



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.

STAY CONNECTED



 CONTACT US



 YOUTUBE



 LINKEDIN



 NEWSLETTER

COMPLIANCE



CE MARKING



FCC CERTIFICATE



RoHS COMPLIANT



NDAA COMPLIANT

CONNECTION & INTERFACES



HS CODE



UPC CODE



ONVIF COMPLIANT

DOWNLOAD OUR APP: OV CONNECT



WWW.GSDGROUPINC.COM  A CANADIAN ENTERPRISE