

MODEL #

T3Z2812IP5MP-AI-L



TURRET NETWORK CAMERA

Onvif | GMS | NDAA Compliant | AI



5MP
RESOLUTION



5MP
Resolution

2.8-12MM
Motorized Lens



IR Up to 45M

True WDR



Audio
In/Out

Alarm
In/Out



IP67
Waterproof
& **Dust-tight**

Micro SD Card
Slot up to 1TB

Explore the capabilities of our **T3Z2812IP5MP-AI-L** security camera, boasting exceptional features meticulously crafted to guarantee top-tier security. Sporting an impressive 5 MP resolution, this camera meticulously captures every detail with unparalleled precision, delivering unmatched clarity in every frame. Enhanced with audio input/output and alarm functionalities, it facilitates seamless communication and ensures heightened vigilance. Elevating surveillance to new heights, its advanced artificial intelligence capabilities enable intelligent analysis, fortifying your security measures. Effortlessly connect via P2P for convenient accessibility and stay updated with instant notifications, empowering you to remain informed and in control around the clock.

This camera model is also available in black - T3Z2812IP5MP-AI-L-B





VIDEO

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

LENS TYPE

Focal Length (Zoom Ratio)	2.8-12mm
Max. Aperture Ratio	F No. 1.8 (W) ~ 3.3(T)
Angular Field of View	Horizontal: 34 ~107°, Vertical: 19 ~ 55°, Diagonal: 38 ~ 134°
Min. Object Distance	0.2m~INF
Lens Type	Motorized (Ø14)

OPERATIONAL

IR Viewable Length	Up to 45m
Camera Title	Show/Hide
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Image/Schedule)
Backlight Compensation	Off/On (5 Zone)
Wide Dynamic Range	WDR
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	1 input, 1 output
Audio	1 input (RCA), 1 output (RCA)
Hardware Reset	Yes
Smart Features	Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Stationary Object Detection (SOD), Human&Vehicle Detection (PD&VD), Face Detection (FD), Cross Counting (CC), Crowd Density Detection (CD), Queue Length Detection (QD), Heat Map (HM)

NETWORK

Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Main Stream @30fps: 5MP(2880×1620), 4MP(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720) Sub Stream @30fps: 720P(1280×720), VGA(640×480), QVGA(320×240) Mobile Stream @30fps: VGA(640×480), QVGA(320×240)
Video Quality Adjustment	256Kbps ~ 8Mbps
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 S/G/T)
Compatible Web Browsers	IE10/11, Chrome V.57/above, Firefox V.52/above, Safari V12.1/above, Edge V.79/above

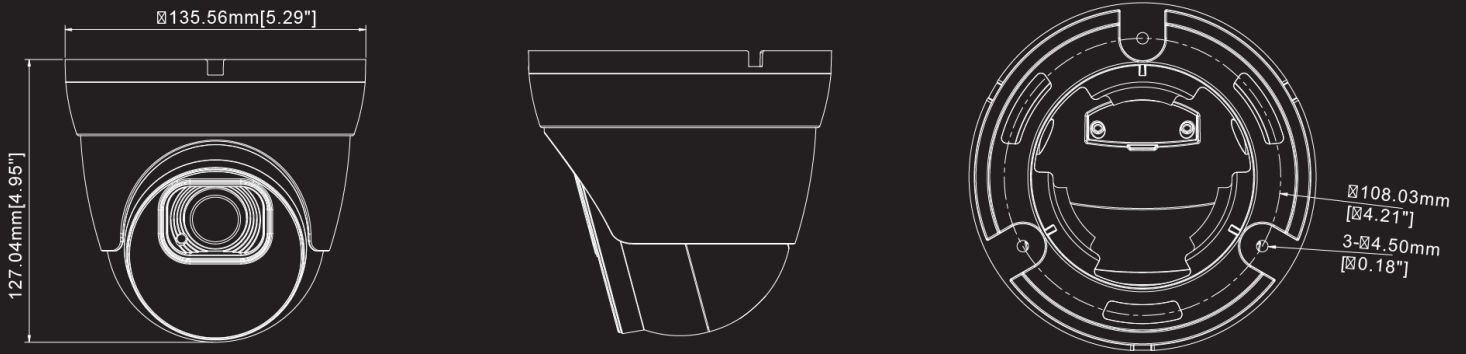
GENERAL

Operating Conditions	-40~+60°C/less than ≤ 95% RH
Ingress Protection	IP67
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption (IR OFF)	3W/4W
Power Consumption (IR ON)	7W/9W
Color/Material	Black/Metal
Dimensions (WXHXD)	Ø135.56x127mm
Weight	846g





DIMENSIONS



COMPATIBLE ACCESSORIES

CEILING MOUNT SOLUTION



CORNER MOUNT SOLUTION



POLE MOUNT SOLUTION



WALL MOUNT SOLUTION



JUNCTION BOX



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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