

MODEL #

T3Z2812IP8MP-AI

CTAVUE®



TURRET NETWORK CAMERA

Onvif® | GMS1



8MP
RESOLUTION



8MP
Resolution

2.7-13.5MM
Motorized Lens



IR Up to 45M



True WDR

Discover the **T3Z2812IP8MP-AI** surveillance camera, an advanced solution designed to ensure unparalleled security and peace of mind. With its impressive 8MP resolution, this camera captures exceptionally sharp images, ensuring visibility of every detail. Equipped with audio input/output and alarm capabilities, it offers enhanced surveillance and communication possibilities. Featuring advanced AI functionalities, it ensures the detection of humans and vehicles up to a distance of 250 feet. Benefit from seamless connectivity with P2P connection and receive instant notifications on your device, keeping you informed of any activity in real-time.



Audio
In/Out



Alarm
In/Out



IP67
Waterproof
& Dust-tight



Micro SD Card
Slot up to 1TB





VIDEO

Imaging Device	1/2.8"
Effective Pixels	8MP 3840(H) × 2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.1lux @ F1.2(AGC ON) ; B/W 0 lux @ IR ON

LENS TYPE

Focal Length (Zoom Ratio)	2.7-13.5mm
Max. Aperture Ratio	F No. 1.83 (W) ~ 3.32(T)
Angular Field of View	Horizontal: 31 ~111°, Vertical: 18 ~ 57°, Diagonal: 37 ~ 134°
Min. Object Distance	0.8m(W) ~ 1m(T)
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
Image Setting	Flip/Corridor/Rotation
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(2880x1620),4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720) Sub Stream @30fps: 720P(1280x720),VGA(640x480),QVGA(320x240) Mobile Stream @30fps: VGA(640x480), QVGA (320x240)
Max. Framerate	50Hz:25fps@8MP,5MP,4MP,3MP,2MP,960P, 720P,VGA,QVGA 60Hz:30fps@8MP,5MP,4MP,3MP,2MP,960P, 720P,VGA,QVGA
Video Quality Ajustment	256Kbps ~ 16Mbps
Bitrate Control Method	CBR/VBR
IP	IPv4
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
Max. User Access	Max 7 (admin+user)
Application Programming Interface	ONVIF(Profile S/G/T)
Compatible Web Browsers	IE8,9,10,11, Chrome 44/lower, Firefox 51/ lower, Safari 11/lower

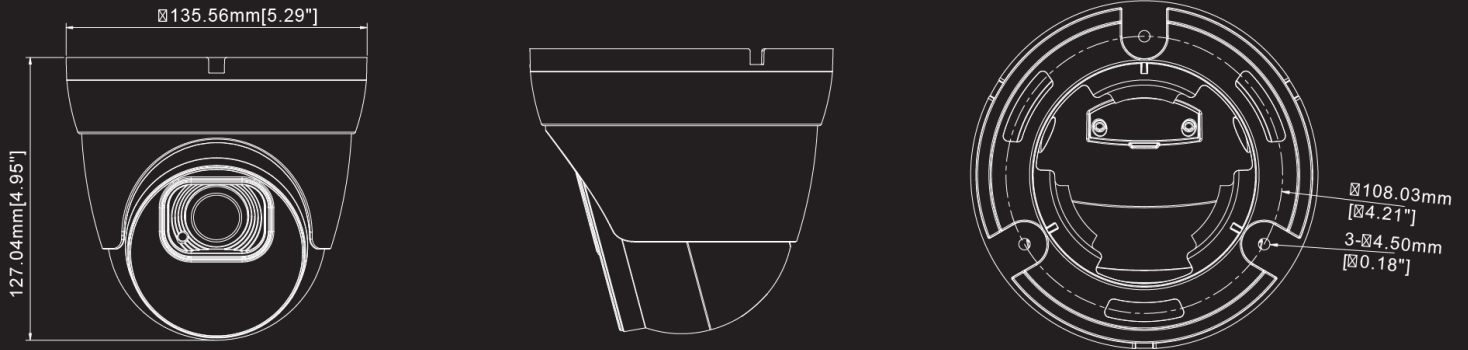
GENERAL

Operating Conditions	-40~+55°C/less than ≤ 95% RH
Storage Conditions	-40~+60°C/less than ≤ 95% RH
Ingress Protection	IP67
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption (IR OFF)	4W/5W
Power Consumption (IR ON)	8W/10W
Color/Material	White/Metal
Dimensions (WXHXD)	Ø135.56x127mm
Weight	846g





DIMENSIONS



COMPATIBLE ACCESSORIES

CEILING MOUNT SOLUTION



CORNER MOUNT SOLUTION



POLE MOUNT SOLUTION



WALL MOUNT SOLUTION



JUNCTION BOX



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