ZN8-MP5X5DL-J4

IP PTZ camera with AI video analytics

Special features:

- **Smart Encode**
- Built-in **GenSTAR IVS** image analytics**:** trespassing, single line crossing, double line crossing, loitering, wrong direction, illegal parking, intelligent motion detection. motion detection (support for accurate detection of vehicles and people)
- **Multi-Object Detection:** support for face, people and vehicle detection
- **Smoke and fire detection**
- **Counting people**
- **Smart tracking**
- **Rotation speed -** 60°/second
- **Auto-Tracking** function**:** 6 tracks, 12 scans, 12 patrols (up to 32 presets in each patrol)
- **3D PTZ** control with mouse
- Illuminator with SMART IR function
- **Black Film** front glass
- True-WDR wide dynamic range mode
- Lens with **5x** optical ZOOM
- Built-in **red and blue** warning light, sound and light warning
- Intelligent dual illuminator, distance of 50 m in infrared light and 30 m in warm light
- **NDAA compliance -** the device complies with U.S. congressional law called the "National Defense Authorization Act"

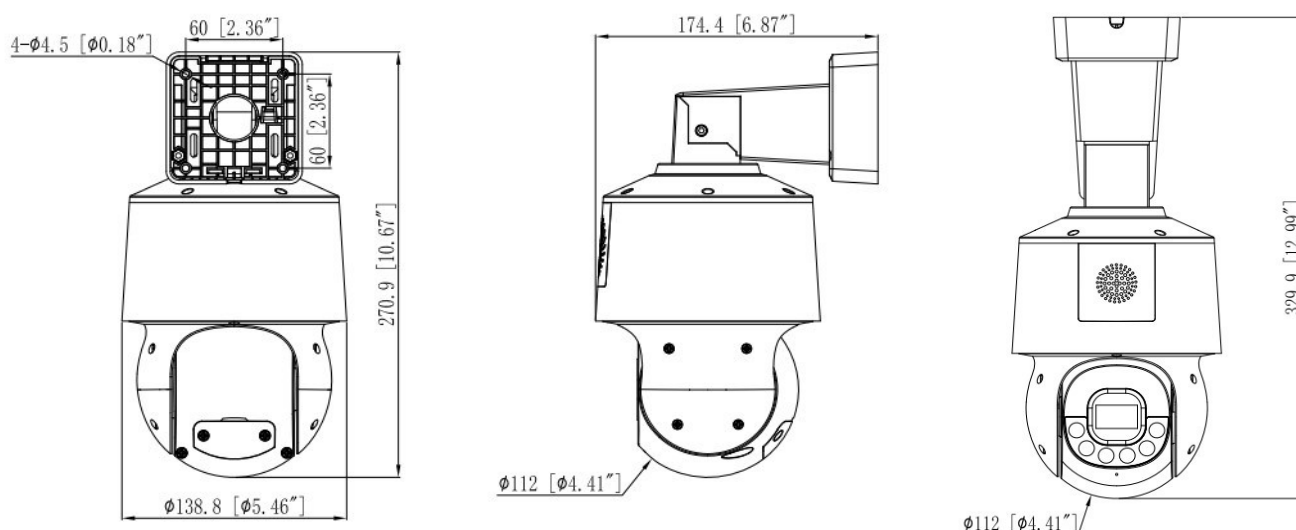| Model	ZN8-MP5X5DL-J4
Sensor	1/2.7" CMOS - SC530AI, 5MP, 2880px×1620px
Sensitivity (AGC ON)	Color: 0.01 Lux F1.
	B/W: 0.001 Lux, 0 Lux with IR
Day/Night Mode	IR-Cut automatic filter
Electronic Shutter.	1/5 - 1/20.000
Aperture	F1.66 to F3.03
WDR mode	True WDR > 120dB
Noise reduction	2D	3D-DNR
Lens	MOTO-ZOOM AF 2.7 - 13.5mm 5X Viewing angles: H:111.5° to 32.3°, V:57.5° to 17.9°
IR illuminator	IR LED range up to 50 meters
Range of motion	HOR: 0° - 355° (continuous operation)	VER: -20° ...+ 90°
Video compression	H.265| H.264| MJPEG| Smart Encode
Bitrate (CBR/VBR/VBR+)	Stream 1: 200kbps to 12Mbps
	Stream 2: 100kbps to 6Mbps
	Stream 3: 100kbps to 3Mbps
Resolution and refresh rate	Stream 1: 2880×1620, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps
	Stream 2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps
	Stream 3: VGA, CIF, QVGA @ 25/30fps
Image settings	Rotation, saturation, brightness, contrast, sharpness
Security	User authentication, hardware WatchDog
Digital functions	HLC	BLC| DIS| ROI| DEFOG| Anti-shake
Corridor mode	No
Privacy masks	Supports 40 zones, configurable mask color
Events	GenSTAR IVS Analytics
Network protocols	TCP/IP, UDP, IPv4/6, HTTP/S, DNS, DDNS,
	DHCP, SMTP, NTP, RTP, RTSP, RTCP, ICMP,
	QoS, SNMP, 802.1X, IGMP/Multicast, ARP, TLS
Built-in microphone and speaker	Yes, maximum sound transmission distance 60 m (45-48 dB)
RTSP support	RFC2326 standard (VLC Player / QuickTime).
Compatibility	ONVIF (Profile S/T/G/M), SDK, CGI

Technical parameters	
Ethernet interface	10/100 Base-T, RJ45
AUDIO	1 x EC / 1 x WY
ALARM	1 x EC / 1 x WY
Analog output	No
Operating temperature	-40°C ... + 60°C
Operating humidity	<90%
Reset button	YES
Housing	Metal + plastic
SD card support	YES (max. 1TB)
Power supply / power consumption	DC12V/POE+ (IEEE 802.3at) max. 19,5 W
Dimensions / weight	174.4×138.8×270.9 mm / 1.28kg
Certifications and classes	CE / FCC / IP66

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DORI Distance				
Lens	Detect	Observ	Recognize	Identify
2.7 mm	70 m	28 m	14 m	7 m
13.5 mm	205 m	82 m	41 m	20.5 m

Standard set

Component	Quantity
PTZ camera	1
Quick setup guide	1
Installation board	1
L hexagonal wrench	1
Installation location sticker	1
Stainless self-tapping screw	4
Plastic anchor	4
Ethernet Port Waterproof Cover	1
Power Adapter 12V	1

External dimensions

Camera mounting accessories

ZA8-CBK627B

ZA8-CBK102