



IP camera with GenSTAR IVS 2.0 analytics



Model	ZN8-71DT5F28NL
Sensor	1/2.7" progressive scan CMOS, 5MP
Sensitivity (AGC ON)	Color: 0.01lux@(F1.6, AGC ON), B/W: 0 Lux with IR
Day/Night Mode	IR-Cut automatic filter
Electronic Shutter.	1/5 - 1/20.000
Aperture	Auto-Iris
WDR mode	True WDR
Noise reduction	2D / 3D-DNR
Lens	2.8mm H: 105.5°, V: 56.3°
IR illuminator	2 x IR LED, range up to 30 meters
AV compression	H.265 H.264 MJPEG G.711U G.711A RAW
Bitrate (CBR/VBR)	Stream 1: 512 Kbps - 6 Mbit Stream 2 and 3: 128 Kbps - 3 Mbit
Resolution and cages	2880×1620, 2560×1440, 2304×1296, 1920×1080, 1280×720 (25/30 fps).
Video streams	Stream 1: 2880×1620 (5MP) max. Stream 2: 720×576 (D1) max. Stream 3: 640×480 (VGA) max.
Image settings	Rotation, saturation, brightness, contrast, sharpness
Digital functions	HLC BLC ROI DEFOG
Corridor mode	Yes (9:16)
Privacy masks	4 zones
Events	Motion detection (22x18 grid) GenSTAR IVS 2.0 analytics, D/N switching,
Network protocols	TCP, UDP, IPv4/6, HTTP/S, DHCP, FTP, SMTP, DNS, DDNS, NTP, RTP, RTSP, RTCP,
RTSP support	802.1x, SNMP, UPnP, PPPoE, ICMP, IGMP
RTSP support	RFC2326 standard (VLC Player / QuickTime).
Security	User authentication, hardware WatchDog
Compatibility	ONVIF, SDK, CGI
Ethernet interface	10/100 Base-T, RJ45
Audio	1 x I/O/1 x WY
Alert	1 x I/O/1 x WY
Analog output.	N/D

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Special features:

- **GenSTAR IVS 2.0 - AI (Artificial Intelligence) analytics** - artificial intelligence using *DeepLearning* algorithms to provide instant and precise detection and recognition of objects like person, vehicle.
- **Smart Encode** - dynamically adaptable network stream and codec parameters for continuous recording while minimizing archive space requirements.
- **Scheduling of the image sensor** - the ability to configure the operation of the image sensor depending on the time or Day/Night mode.
- **Corridor mode** - adjusting the field of view to a scene characterized by a significant disproportion between the height and width of the usable area.
- **NDA-compliant** - devices that comply with a US congressional law called the National Defense Authorization Act.

Functional capabilities of AI analytics: GenSTAR IVS 2.0

AI engine features (Artificial Intelligence)	Object detection: DeepLearning engine
	Detection: face of a person, person, vehicle.
	Object classification: person, vehicle (Detector) Track multiple objects simultaneously (Tracker)
Behavioral detection	Trespassing, Loitering, Illegal parking
	Intersection of single/double perimeter lines.

Technical parameters

Reset button	Yes
SD card support	Micro SD slot max. 256GB
Power supply	12VDC (-15% to +25%)/PoE (IEEE 802.3af)
Power consumption	2W (IR-LED OFF) / 4.5W (IR-LED ON)
Power output	N/D
Operating temperature	-30°C ... +60°C
Max humidity	90%
Certifications and classes	CE / FCC / IP67 / IK10
Dimensions / weight	Ø 110 (base) x 85.4 mm / 480g
Range of adjustment	350° (H) / 75° (V) / 180° (Sensor rotation).

DORI Distance				
Lens	Detection	Observe	Recognition	Identification
2.8 mm	68 m	27.2 m	13.6 m	6.8 m

Mounting adapters:



ZA8-CBK656



ZA8-CBK627B

ZA8-CBK627B
only in combination
with ZA8-JBMP-2

Compatibility:



NDA
Directive

External dimensions:

