

ZN10-MB5F28A-IRE

5MP, 2.8 Fixed lens Bullet Camera



Key Features

- 1/2.8" High-Quality SONY STARVIS CMOS Sensor
- 5MP, 2.8mm Fixed Lens , with 25/30 fps
- STARVIS Series Back-Illuminated Progressive Scan Sensor
- Infrared Night Vision up to 30 Meters
- Multi-Stream Video Output
- Supports 1 input and 1 output channel for two-way audio communication.
- IP67 Weatherproof Rating
- IK10 Vandal Resistance
- CE, FCC, RoHS , Class 1 Make in India Compliant



Technical Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan Sony CMOS
Max. Resolution	5 MP (2592 x 1944)
Electronic Shutter	Auto/Manual, 1/15s -1/100000s
Min. illumination	Color: 0.01 Lux @F1.2 (AGC ON) B/W: 0 Lux @ (IR LED ON)
Day & Night	IR cut filter
IR Distance	Up to 30m
IR Led Wavelength	850nm
IR On/Off Control	Auto/Manual
DORI AS PER IEC 62676 - IV	D: 67 m, O: 26 m, R: 13m, I: 7 m
Lens	
Lens Type	Fixed Focus
Iris	Fixed
Focal Length	2.8mm
Focus Range	0.3m to infinity
F Number	F 1.6
Angle of View	H: 107 - 6°, V: 57°, D: 127.62°
Video	
Streaming Capability	4 Streams
Stream/Frame Rate	Profile 1: 2592x1944@ 30fps (H.265/ H.264) Profile 2: D1@30fps (H.265/H.264) Profile 3: 2048x1536@8fps or D1/VGA@15fps (H.264/H.265/MJPEG) Profile 4: 2MP @30fps (H.265/H.264/MJPEG)
Available Resolutions	2592 x 1944, 2592 x 1520, 2048 x 1536, 1920 x 1080, 720p, D1, 2CIF, CIF
Video Compression	H.265, H.264, MJPEG
Bit Rate Control	CBR/VBR
Bit Rate	128 kbps-16Mbps
Digital Zoom	16x
Smart Encode	Support
Image	
Image Adjustment	Rotation/ Saturation/ Contrast/ Sharpness/ Brightness/ Hue/Auto White Balance
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhancement	Snapshot, Region of Interest (ROI), BLC, HLC
Wide Dynamic Range	True WDR (120dB)
S/N Ratio	>70dB
Motion Detection	Support
Privacy Masking	Support upto 8 Zone

Smart Function	
Smart Events	Motion/No Motion Detection, View Tamper Detection, Trip/No Trip Detection, Object Intrusion/Zone Intrusion
IP Conflict	Yes
Network Disconnect	Yes
Storage Full	Yes
Upload Image / Video	SD, NAS, SFTP
Notifications	E-mail, SMS, TCP
Cyber Security	
Data Encryption	All data, including sensitive data, is encrypted with AES 256 and RSA 2048
	HTTPs Streaming (TLS 1.2), Edge Data Encryption, Network Authentication (802.1x), Secure Firmware Upgrade Anti-roll back firmware, Web login password protection, Unused debug interface protection, IP Address Filtering, Signed firmware, Secure boot
Network	
Protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS, DynDNS, DDNS, RTP, RTCP, RTSP, PPPOE, SMTP, NTP, SNMP, FTP, TLS/SSL, SFTP, ICMP, IGMPv2 & v3, ARP, 802.1x, IPv4, IPv6, QoS Layer 3, DSCP, CIFS, SSH, UPnP, Bonjour
ONVIF Profiles	S, G, and T
Web Viewer	Supported in IE 8.0-11.0, Firefox 15.0-47.0, Chrome 20.0-54.0
Interface	
Network Interface	10Base-T/100BaseTX Ethernet (RJ-45)
Audio Interface	1ch Input, 1ch Output
Audio Compression	G.726 and G.711μ
Two-way Audio	Supported
Reset Button	Support
SD Card Slot	Built-in, up to 512GB
Electrical	
Power Supply	12V (DC); 802.3af (PoE)
Power Consumption	Max 5.5 W
Operating Temperature	-30°C ~ 60°C
Storage Temperature	-30°C ~ 60°C
Operating Humidity	Less than 95% RH (non-condensing)
Ingress Protection	IP67
Certifications	NDAA Compliant, BIS, CE, IP67, FCC Part-15 Subpart – B, ONVIF S G & T, IK10, NEMA 4X**, Essential Requirement (ER) by STQC, Guwahati
Casing	Metal
Dimensions	169.6mm x 74.3mm x 78.3mm
Net Weight	500gms

Dimensions (mm)

