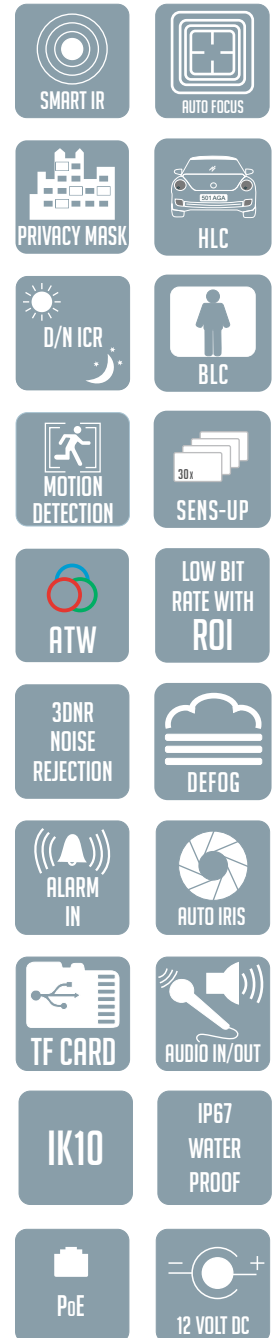


## Enterprise class, Industrial grade high end 5.0 Mega-Pixel, Auto Focus Bullet Camera series



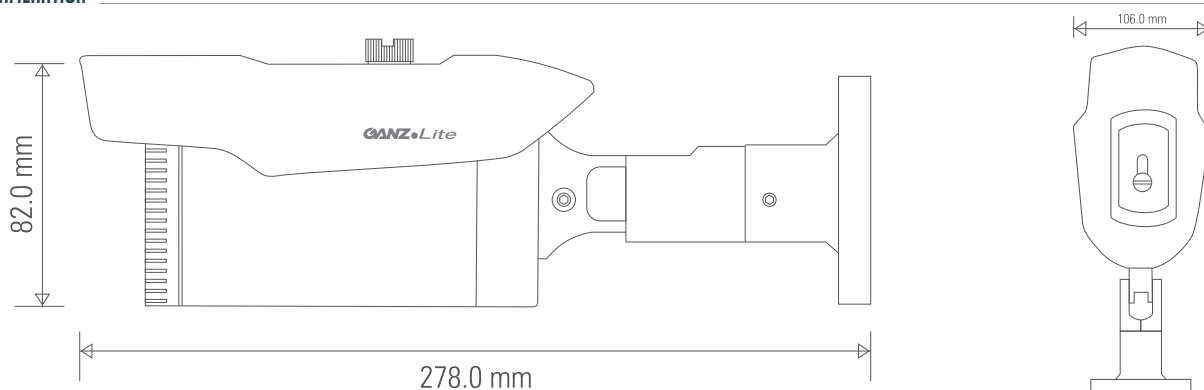
- 2592(H) × 1944(V) 5.0 Mega pixel Sensor
- 2.7 ~ 13.5 mm Motorized zoom with Smart Focus Lens
- CMOS Progressive Scanning
- Ultra Clear Outdoor Network Bullet Camera
- True Day / Night with ICR on Sensor
- H.265, H.264 and MJPEG compression
- Support IE and CMS Operation
- Support OnVIF Profile S & G
- IP67, IK10 Outdoor Housing
- Support T-WDR (True Wide Dynamic Range) / Auto Exposure / White Balance / Motion Detection / BLC / Image Setup / Day-Night/AGC, Privacy Mask, Temper Detection Function, etc.
- 12V DC Input & PoE



## TECHNICAL SPECIFICATIONS

Model Name	ZN-MB2F4-D
Video Parameters	
Imaging Device	1/2.8" CMOS Sensor
Total Pixels	2592(H) × 1944(V) @ 30fps
Scanning System	Progressive
Min. Illumination	Color: 0.08Lux@F1.2 (AGC OFF), B/W: 0 Lux@F1.2 (AGC ON)
S/N Ratio	More than 50 dB (AGC OFF)
Video Compression Format	H.265, H.264, M-JPEG
Video Quality Adjustment	H.265, H.264: Compression Level, Target Bitrate Level Control, M-JPEG: Quality Level Control
Rate Control Method	H.265, H.264: CBR or VBR, 100Kbps ~ 10Mbps
Stream	Triple Stream support
LENS PARAMETER	
Lens Type	2.7~13.5 mm Motorized Auto Iris
Angle of View	Horizontal: Approx. 40.8° (Wide) to 6.9° (Tele)
Shutter Speed	Auto / Manual: 1/30 ~ 1/32,000, Anti Flicker, Slow Shutter (1/2,1/3,1/5,1/6,1/7.5,1/10)
IR Distance & Lens	Up to 50 mtr
OTHER FUNCTIONS	
True WDR	More than 120 dB TWDR
Audio	1 Ch. Audio IN & 1 Ch. Audio OUT
Alarm	1 Ch. Alarm IN & 1 Ch. Alarm OUT
Detection	Intrusion Detection, Motion Detection, Temper detection, Detection up to Multiple zone, Camera shake cancelation
Event Notification	FTP, E mail, SD card
Pre Post Recording	Pre: 1~5 sec Post: 1~240 sec
ROI, SMART Bitrate Control	Support
Analytics (Optional)	Appear & Disappear, Stopped filter, Enter & Exit, Speed Filter, Tailgating, Object counting, Colour filter, Direction filter, Object Abandoned & Removed, People tracker, Object counting
Storage	1x microSD/microSDHC/microSDXC Support Upto 256GB
Day&Night	True Day and Night
Digital Noise Reduction	3DNR
Motion Detection	Support
Privacy Masking	8 Area Selectable (3D)
Gain Control	Max. AGC to 255
White Balance	Auto White Balance (AWB) / Manual White Balance (MWB)
Flip/Mirror	Support
NETWORK PARAMETERS	
Ethernet	RJ45 for 10BASE-T/100BASE-TX PoE
Protocol	IPv4,TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB 2),IGMP,TLsv1 QoS Layer 3 DiffServ, ONVIF
Security	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication
ONVIF Conformance	Support ONVIF Profile S & G
Central Management Software	Support
Environmental Parameters	
Operating Temperature/ Humidity	-10°C to +50°C, 0% to 90% (non-condensing)
Ingress Protection	IP67 & IK10
Certificate	EN,CE,FCC,BIS
ELECTRICAL PARAMETERS	
Power	DC12V, / Power over Ethernet IEEE 802.3af Class 2
Power Consumption	Max 1.5W
MECHANICAL PARAMETERS	
Color/ Material	Body: White Epoxy Spray Paint / Aluminum Dai Cast
Dimensions	278mm (L) X 106mm (W) X 82mm (H)
Weight	Approx. 750g

## MECHANICAL DIMANETION



The above mentioned technical drawings are for reference only.



Japanese  
Traditionally

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