

## 2MP Network Ultra Low Light Bullet Camera



### Functions:

- Up to 2 megapixel resolution
- Ultra low illumination (Star Light)
- 2.8 ~ 13.5mm, motorized zoom lens
- Approx. 50 meters Smart IR
- True Day/Night , 2D/3D DNR,Defog,ROI
- Wide Dynamic Rang (120 dB)
- Advance Video Analytics – AI
- Low Bit Rate / ROI /H265 Plus
- IP67 / Vandal Proof -IK10
- 3-axis Adjustment
- Onvif , CGI , PSIA Support
- Built-in Memory slot, up to 256GB
- Surge Protection 6KV
- 12V DC±10% & PoE(802.3af Class3)

### MNA-BL2TWDLL-IFVSZ

#### 2MP Network Ultra Low Light Bullet Camera

#### Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Day & Night	ICR, schedule
Min. Illumination	Color : 0.001 lux (F1.2,AGC ON) B/W : 0.0001 lux (F1.2,AGC ON)
Shutter Time	50Hz: 1/1-1/100,000s; 60Hz: 1/1-1/100,000s
S / N Ratio	>52dB
Audio Compression	G.711/G.722/G.726
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC	Auto / Manual

#### Lens

Focal Length	2.8 ~ 13.5mm, AF Smart focusing and motorized zoom lens
Angle of View	111.0°~33.1°- Min distance 500mm
Focus Mode	Smart - Auto

#### Image & Audio

Main & Sub Stream	Main Stream: 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps;
Third Stream	D1 (720*576), Max 60fps
Back Light	BLC, WDR (120 db)
Image Compression	H.265 Plus/H265 / H264 / MJPEG
Audio Compression	G.711ulaw/G.711alaw
SVC	Support
ROI	Support 8 areas with adjustable levels
Protocols	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP, DNS,DDNS,NTP,RTSP,RTP,TCP,UDP,IGMP,ICMP,DHCP,PPPoE
Standard	ONVIF (S,G,T), PSIA, CGI
Others	HLC , Dfog , Privacy Mask, 2D/3D DNR, Corridor Mode

#### System Integration

IR Range	Smart - Approx. 50 meters – Control by On/Off
Alarm I/O	1/1

#### General Function:

Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication, Advance Motion detection up to 4 seperated area  
**Video analytics (Deep Learning Technology) :**  
 Linecrossing ,intrusion detection(Focus on human, vehicle and non-motor vehicle ) ,Region Entrance,Region Exiting, Object Left/Removal, Crowd detection, Audio High/Low detection , people counting  
 Deep learning Face Detection(Face capture) Capture up to 40 faces in the same picture

Audio I/O	1/1 – Two Way
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Onboard Storage	Built-in Micro SD/SDXC card slot, up to 256 GB edge recording
Network Storage	NAS/ANR
Number of Simultaneous Live View	Up to 30
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User

#### General

Power	12 V DC ± 10% , PoE (802.3af)
MTBF	MTBF >120,000 hrs Confirmed by Windchill Quality Solutions
Working Temperature / Humidity	-35 - +65, 90% or less
Protection Level	IP67 – IK10 - Surge Protection 6KV
Power Consumption	Max. 8W
Dimensions(mm)	253.4 × 86 × 71.7mm
Standard	EN, ISO ,RCII Iran standard
Weight (approx.)	1.0 kg