

## 8MP Network Ultra Low Light Dome Camera



### Functions:

- Up to 8 megapixel resolution
- Ultra low illumination
- 2.8 ~ 12mm, motorized zoom lens
- Approx. 40m Smart IR
- True Day/Night , 3D DNR,Dfog
- Wide Dynamic Rang (120 dB)
- Video Analytics AI- Deep Learning
- Low Bit Rate / ROI /H265 Plus
- Internal Microphone
- IP67 / Vandal Proof -IK10
- Surge Protection 6KV
- 3-axis Adjustment
- Onvif (S,G,T),API,RTSP Support
- Built-in Memory slot, up to 256GB
- 12V DC±25% & PoE(802.3af Class3)

### MNA-DC8TWDL-IFV5Z

#### 8MP Network Ultra Low Light Dome Camera

### Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Day & Night	ICR, schedule
Min. Illumination	Color : 0.002 lux (F1.2,AGC ON) B/W : 0 lux IR on
Shutter Time	50Hz: 1/1-1/100,000s; 60Hz: 1/1-1/100,000s
S / N Ratio	>56dB
Audio Compression	G.711/G.722
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC	Auto / Manual

### Lens

Focal Length	2.8 ~ 12mm, AF Smart focusing and motorized zoom lens
Angle of View	114.8° ~ 47.3°
Focus Mode	Auto
Iris	Manual/Auto

### Image

Main & Sub Stream	Main Stream: 8MP (3840*2160), Max 20fps;5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps;720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Third Stream	Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Back Light	BLC, WDR (120 db)
Image Compression	H.265 Plus/H265 / H264 /MJPEG
Audio Compression	G722.1/G.711ulaw/G.711alaw
SVC	Support
ROI	Support 8 areas with adjustable levels
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH
Standard	ONVIF (S,G,T), SDK,RTSP
Others	HLC,Dfog, Privacy Mask, 2D/3D DNR, Corridor Mode,Reset key

### System Integration

IR Range	Approx 40 meters
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

#### Video analytics :

Smart intrusion prevention Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection  
Statistical Analysis,People counting, support people flow counting and crowd density monitoring Events  
Basic Detection Motion detection, Ultra motion detection, Tampering alarm, Audio detection

Audio I/O /Mic	1/1 / Support
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 10
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User

### General

Power	12 V DC ± 25% , 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. 9W
Dimensions(mm)	148 x 111.3mm
Standard	EN ,RCII Iran standard
Weight (approx.)	1.0 kg