

2MP Network Ultra Low Light Dome Camera



Functions:

- Up to 2 megapixel resolution
- Ultra low illumination
- 2.8 Fixed lens
- Approx. 30 meters Smart IR
- True Day/Night , 3D DNR, Dfog
- Wide Dynamic Rang (120 dB)
- Deep learning Video Analytics (Reduce)
- False Alarm
- Smart Face detection Capture up to 30 faces in the same picture
- Low Bit Rate / ROI / H265 Plus
- IP67 / Vandal Proof -IK10
- 3-axis Adjustment
- Onvif , CGI , PSIA Support
- Built-in Memory slot, up to 256GB
- 12V DC±10% & PoE(802.3af Class3)

MNA-DC2TWDLL-IFS

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Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Day & Night	ICR, schedule
Min. Illumination	Color : 0.001 lux (F1.4, AGC ON) B/W : 0.0001 lux (F1.4, AGC ON)
Shutter Time	50Hz: 1/1-1/100,000s; 60Hz: 1/1-1/100,000s
S / N Ratio	>56dB
Audio Compression	G.711
White Balance	Auto / Manual / ATW / Indoor / Outdoor / Daylight lamp / Sodium lamp
AGC	Auto / Manual

Lens

Focal Length	2.8 Fixed lens
Angle of View	115.°
Focus Mode	Fixed

Image & Audio

Main & Sub Stream	2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps;
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	G.711ulaw/G.711alaw
SVC	Support
ROI	Support 8 areas with adjustable levels
Protocols	IPv4/IPv6, HTTP, HTTPS(SSL), 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. 30 meters – Control by On/Off
Alarm I/O	Support – 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 separated area

Video analytics (Deep Learning Technology) :

Linecrossing , intrusion detection (Focus on human, vehicle and non-motor vehicle) , Region Entrance, Region Exiting, Object Left/Removal, Audio High/Low Detection , Crowd Detection, People counting
Deep learning Face Detection (Face capture) Capture up to 40 faces in the same picture

Audio I/O	1/1
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. 9W
Dimensions(mm)	Φ148 x 111.3mm
Standard	EN , RCI Iran standard
Weight (approx.)	0.75 kg