

2MP Wide-angle Dome Network Camera

It is applicable to various scenarios, such as cab monitoring, saloon monitoring, and track monitoring. This device is equipped with high-efficiency infrared lights, with a maximum irradiation distance of up to 30 meters, enabling real-time day-and-night monitoring. It is widely used in the CCTV field of the rail transit industry.

- High quality imaging with 2MP resolution.
- 2/2.8/4/6mm fixed lens.
- Clear imaging against strong back light based on 120 dB WDR technology.
- Water and dust resistant (IP67) and vandal resistant (IK10).
- Smooth bitstream settings to adapt to different scenarios.



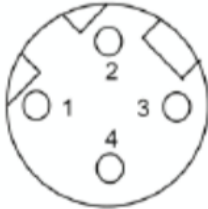
Technical Parameters

Items	Specification
Camera	
Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.005Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Focal Length	2.0mm, 2.8mm, 4mm, 6mm
Angle Adjustment	Pan: -30°~+30°, Tilt: 0°~75°, Rotate: 0°~ 360°

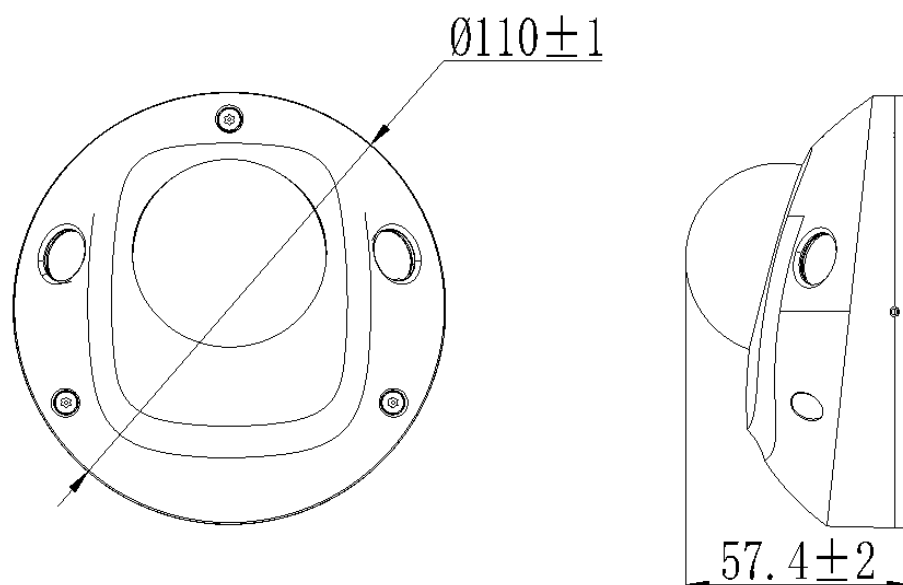
Wide Dynamic Range (WDR)	120 dB
Day & Night	IR Cut Filter
FOV	2mm: Horizontal: 132°, Vertical: 77°, Diagonal: 152° 2.8mm: Horizontal: 105°, Vertical: 56°, Diagonal: 126° 4mm: Horizontal: 87°, Vertical: 44°, Diagonal: 104° 6mm: Horizontal: 53°, Vertical: 28°, Diagonal: 62°
Video	
Max. Resolution	1920×1080
Video Compression	H.265 / H.264
H.264 Type	Baseline Profile / Main Profile / High Profile
H.265 Type	Main Profile
Image Settings	Support rotation mode. Brightness, contrast, saturation and sharpness can be adjusted by browser and client software.
Stream Type	Main stream, Sub-stream
Main Stream	50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)
Sub-stream	50Hz: 25fps (704×576, 640×480, 352×288, 320×240) 60Hz: 30fps (704×576, 640×480, 352×288, 320×240)
Third Stream	50Hz:25fps (1920×1080, 1280×960, 1280×720) 60Hz:30fps (1920×1080, 1280×960, 1280×720)
Video Bit Rate	Main Stream: 256 Kbps to 12Mbps Sub-Stream: 256 Kbps to 4Mbps Third Stream: 256 Kbps to 12Mbps
Audio	
Audio Compression	G.711U, G.711A, G.722, G726, AAC, PCM
Audio Bit Rate	64Kbps
Audio Sampling Rate	16 kHz
Network	
API	ONVIF (PROFILE S/G/T)

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, 802.1X, QoS, IPv6, UDP
General	
Protection Level	IK10 / IP67
Operating Conditions	-30 °C to 75 °C, humidity less than 95% or less (non-condensing)
Ethernet Interface	DB9 / M12
Product Weight	450g
Power Supply	DC12V (9~36V), PoE (802.3af)
Power	7.5W Max

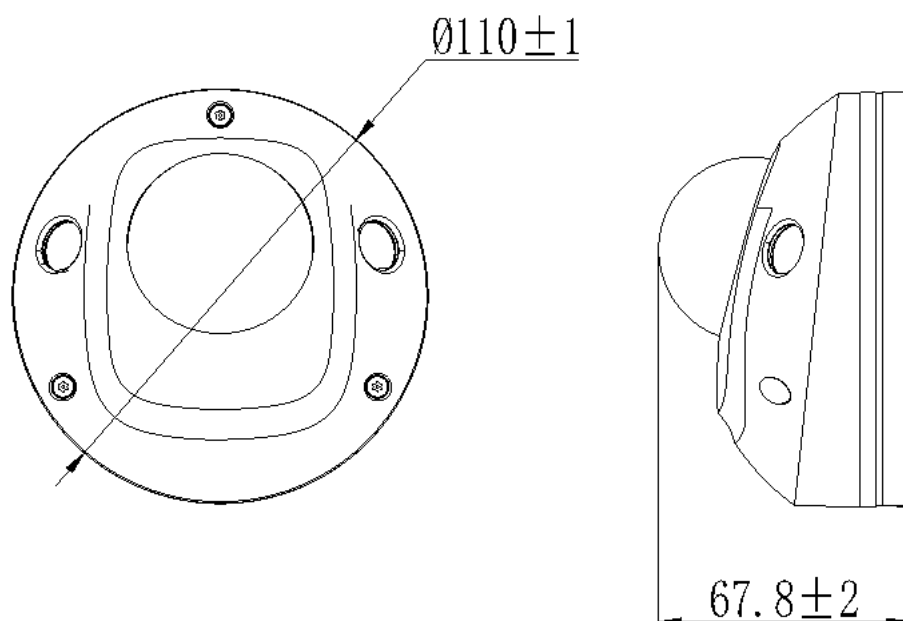
Interface

M12: Ethernet (PoE)		
1	TX+	
2	RX+	
3	TX-	
4	RX-	
		D-code M12 (Female)

Dimension



Without installation adapter plate (Unit: mm)



With installation adapter plate (Unit: mm)