

2MPIP-2MIR100055X

2MP 55x Darklight[®] Laser IR Network Positioning System



Features

Optics

- 55X Optical Zoom(6.4~352mm)
- Starlight illumination
- Support Optical defog, Self-adaptive defog
- Day/night functionality
- Vari-focal laser: 1000m (3280ft) distance, proportional to optical zoom of camera module
- Gyroscope stabilization for stable picture
- Up to 120 dB Optical WDR(Wide Dynamic Range)
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264, MJPEG
- Support 1080P@60fps, which has the smoother motion image
- Triple streams
- ROI (Region of Interest)

Network

- ONVIF Conformance

Structure

- Intelligent temperature control technology
- Support automatic wiper function
- Embedded gradienter to ensure the horizontal position while installation
- Wide temperature range: -40°C to 70°C (-40°F to 158°F)
- Power supply: DC 48V±25%/DC 24V±15%(DC20V~DC60V), DC -48V±25%/DC -24V±15%(DC-20V~-DC-60V), AC 24V±25%
- Support 1/1 audio in/out, 7/2 alarm in/out, 1 Serial port RS485, 1 BNC
- Support up to 256G Micro SD card
- Ingress Protection: IP66Ingress Protection: IP66

Functions

CAMERA					
Sensor		1/2.8" progressive scan, 2.0megapixel, CMOS			
Lens		6.4~352mm, AF automatic focusing and motorized zoom lens			
Digital Zoom		16			
Optical Zoom		55			
DORI Distance	Lens	Detect(m)	Observe(m)	Recog-nize(m)	Identify(m)
	6.4mm	99.3(30.3ft)	39.7(12.1ft)	19.9(6.1ft)	9.9(3.0ft)
	352mm	5462.1 (1664.8ft)	2184.8 (655.0ft)	1092.4 (333.0ft)	546.2 (166.5ft)
Angle of View (H)		42.0° ~ 1°			
Angle of View (V)		34.8°~0.5°			
Angle of View (O)		51.6°~1.1°			
Shutter		Auto/Manual, shutter time: 1s ~ 1/100000 s			
Minimum Illumination		0.002lux (F1.8, AGC ON, Color), 0 lux with IR			
Iris		F1.8 ~ F6.5			
Day/Night		IR-cut filter with auto switch(ICR)			
Digital noise reduction		2D/3D DNR			
S/N		>52 dB			
Defog		Optical Defog			
WDR		120dB			
IR Distance		1000m(3280ft)			
VIDEO					
Video Compression		Ultra 265, H.265, H.264, MJPEG			
Frame Rate		Main Stream:2MP (1920×1080)@60fps Sub Stream:2MP(1920×1080)@60fps; Third Stream:D1(720×576)@60fps			
HLC		Supported			
BLC		Supported			
Gyroscope		Supported			
OSD		Up to 8 OSDs			
Privacy Mask		Up to 24 areas			
ROI		Up to 8 areas			
Motion Detection		Up to 4 areas			
SMART					
General Function		Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication			
AUDIO					
Audio Compression		G.711U, G.711A			
Two way audio		Supported			

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STORAGE

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR

NETWORK

Protocols	IPv4, HTTP, HTTPS, SSL/TLS, FTP, SMTP, SNMPV1/V2/V3(MIB-II), DNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTPC, ICMP, DHCP, ARP
Compatible Integration	ONVIF(Profile S, Profile G, Profile T), API

PAN & TILT

Pan Range	360°
Pan Speed	0.1°/s ~140°/s Preset speed: 140°/s
Tilt Range	-90° ~ +45°
Tilt Speed	0.1° ~50°/s Preset speed:50°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Power-off memory	Supported
Keep watch	Supported

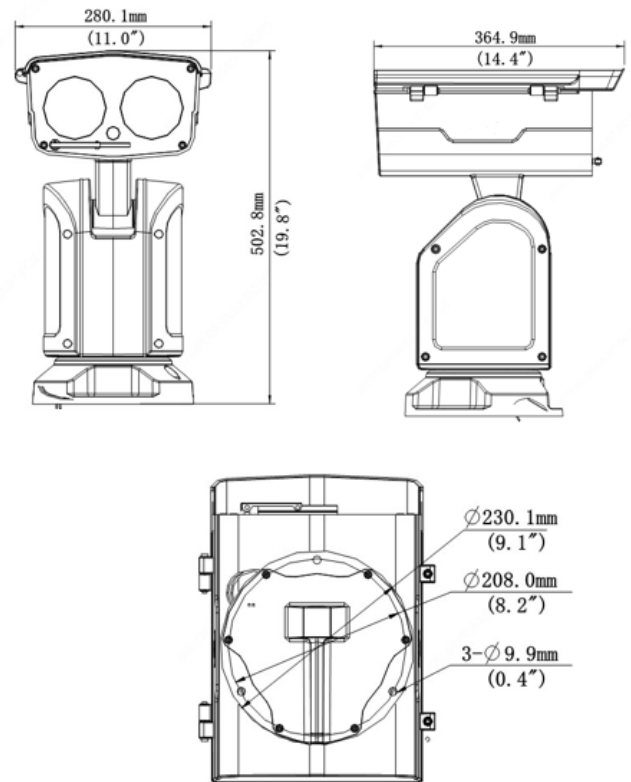
INTERFACE

Audio I/O	1 Input: impedance 35 kΩ; amplitude 2 V [p-p] 1 Output: impedance 600 Ω; amplitude 2 V [p-p]
Alarm I/O	7/ 2
Serial Port	1 RS485
Network	10M/100M/1000M Base-TX Ethernet + 100M/1000M SFP
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]

GENERAL

Power	DC 48V±25%/DC 24V±15% (DC20V~DC60V) DC -48V±25%/DC -24V±15% (DC-20V~DC-60V) AC 24V±25%
Dimensions (Ø x H)	280.1mm x 364.9mm x 502.8mm (Φ11.0" x 14.4" x 19.8")
Weight	14.5kg (31.9lb)
Working Environment	-40°C ~ +70°C (-40°F ~ 158°F), Humidity :≤95% RH (non-condensing)
Ingress Protection	IP66

Dimensions



*Product specifications and availability are subject to change without notice.