



KEY FEATURES

- 1/2.8" STARVIS™ CMOS
- 25/30FPS @ 5MP(2592×1944)
- 2.7 TO 12 MM MOTORIZED FOCAL LENS
- SUPPORT FACE, HUMAN, VEHICLE DETECTION AND CAPTURE
- INTELLIGENT ANALYSIS: INTRUSION, SINGLE / DOUBLE LINE CROSSING, LOITERING, WRONG-WAY DETECTION, SMART MOTION DETECTION, AND PEOPLE COUNTING
- TRUE WDR, 3D DNR, ROI, DEFOG, HLC
- SMART IR DISTANCE UP TO 40 M
- 1/1 AUDIO INPUT/OUTPUT, 1/1 ALARM INPUT/OUTPUT
- BUILT-IN MICRO SD CARD SLOT
- IP67, IK10

SPECIFICATIONS

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	5MP, 2592(H) × 1944(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/100,000s
Min. illumination	Color: 0.03 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Day & Night	IR cut filter
Wide Dynamic Range	True WDR
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°
LENS	
Lens Type	Varifocal lens, Motorized focal
Iris	DC- Iris
Focal Length	2.7 to 12 mm
Max. Aperture	F1.6
Field of View (FOV)	H: 100.2° to 31.1°, V: 71.6° to 23.2°
ILLUMINATOR	
Illuminator Type	IR
Illumination Distance	Up to 40 m (131.2 ft)
Illumination On/Off Control	Auto/Manual
INTELLIGENT ANALYTICS	
Multi-Object Detection	Supports face, human, vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, and Smart motion detection. Support alarm triggering by specified target types (human and vehicle)
People Counting	Support
VIDEO AND AUDIO	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592×1944, 2592×1520, 1920×1080, 1280×720 @25/30fps Stream2: D1, VGA, CIF @25/30fps Stream3: VGA, CIF, QVGA @25/30fps

Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 Kbps to 12 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps
Region of Interest (ROI)	Off/On (8 Zone, Rectangle)
Audio Compression	G.711 A-law, G.711 μ-law, RAM PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
IMAGE	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Setting	Indoor, Outdoor, Mirror, Corridor Mode
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	WDR, HLC, BLC, Defog
Privacy Masking	4 areas
EVENT	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Alarm Events	Alarm record, SMTP upload, FTP upload, Alarm output, Audible alarm output
NETWORK	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge



SA-MRD2050D7

5MP IR VARIFOCAL DOME NETWORK CAMERA

SPECIFICATIONS, CONT.

INTERFACE	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
SD Card Slot	Built-in, up to 256GB
Reset Button	Support
GENERAL	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	12 VDC (-10% to +25%)/PoE (802.3af)
Power Consumption	Max 7.5 W
Operating Temperature	-40°C to 55°C (-40°F to 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67, IK10
Certifications ¹	CE-EMC (EN 55032:2015+A11:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-63:2007+A1:2011+AC:2012, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
Material	Aluminum alloy body, bubble: plastic
Dimensions	Φ130 × 113.2 mm (Φ5.12 × 4.46 inch)
Net Weight	0.9 kg (1.98 lb)

¹ The listed certifications are issued for markets in different regions. For the current status of the listed certifications in your region, please contact an authorized Starview representative.

ACCESSORIES



Junction Box



Pendant Cap



Wall Mount



Wall Mount



Ceiling Mount



Recessed Mount

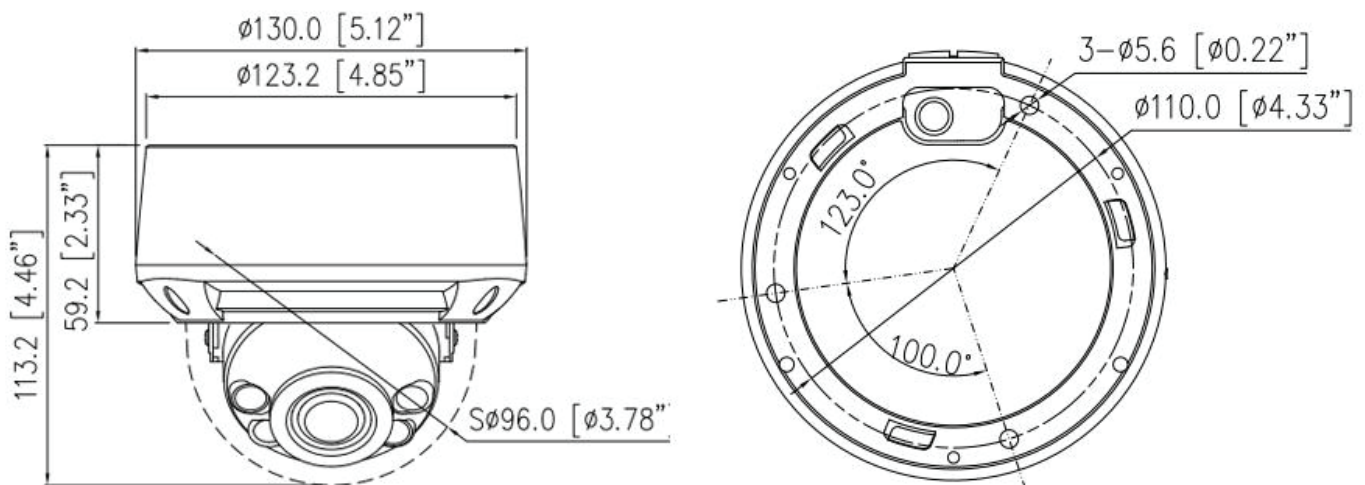


Pole Mount



Corner Mount

DIMENSIONS MM



For technical or sales support, please visit:
www.starviewtech.net

Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

For assistance with confirming the Jurisdiction & Classification of Starview Technology products, please contact sales@starviewint.com

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