TRUE WDR
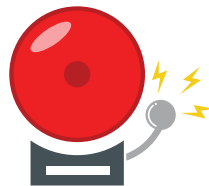True Wide Dynamic Range ensures clear video even in installations with high-contrast areas

ALARM I/O
Alarm connections wire the camera directly to alarm devices

ADAPTIVE IR LEDs
Adaptive IR technology for clear pictures in total darkness

TRUE DAY / NIGHT
True Day / Night provides superior video in a variety of lighting

TWO-WAY AUDIO
Receive and transmit audio through the camera

NDAA COMPLIANT
NDAA compliance meets the latest federal security standards

ONVIF® | **SGT**

37780AD

CAMERA SPECIFICATIONS

IMAGE	
Image sensor	1/1.7" Sony Progressive CMOS
Shutter	Auto/Manual; 1 ~ 1/100000s
Lens	1.65mm Fixed
Max Resolution	**Software Dewarping:** 4000x3000 **Edge Dewarping:** 2976x2976
Aspect Ratio	16:9
Field of View	180°
Day/Night	True Day / Night w/ IR-Cut Filter
Wide Dynamic Range (WDR)	True WDR @ 12MP; 120db
IR	Up to 16'

VIDEO CONTROL	
Video Streams	4
Compression	H.264 / H.265 / MJPEG
Max Frame rate	12MP @ 20FPS
Day/Night	Auto / Manual / Light Sensor
White Balance	Auto / Manual / Smart
ROI	Up to 3 areas
Motion Detection	Up to 4 areas
Privacy Masking	Up to 5 areas

AUDIO	
Audio In/Out	1 - Line In, 1 - Line Out
Compression	uLAW, AAC
Two-way Audio	Yes

NETWORK	
Connector	RJ45
Network	10/100/1000 Mbps
ONVIF®	Profile S / G / Q / T Compliant

HARDWARE	
Housing / Dome Cover	Metal / Polycarbonate
Ingress Protection	IP66
Impact Rating	IK10
Dimensions	Ø5.1" x 2.3" (Ø130 x 58mm)
Weight	1.2lb (0.565kg)
Alarm In / Relay Out	1 / 1
Country of Origin	Taiwan
NDAA Compliant	Yes

CAMERA SPECIFICATIONS (CONTINUED)

POWER	
Power Consumption	**PoE:** Max 12.95W **12vDC:** Max 11.16W
Power Source	PoE (IEEE 802.3af) / DC 12V±25%

ENVIRONMENTAL	
Operating Environment	-22°F ~ 131°F (-30°C ~ 55°C)
Humidity	≤90% RH (non-condensing)

STORAGE	
Onboard Storage	Up to 512GB MicroSD card
Network	FTP, NAS

CERTIFICATIONS	
Safety	UL / CE / RCM
EMC	FCC Class A

DIMENSIONS

2.3"
(58mm)

ø130
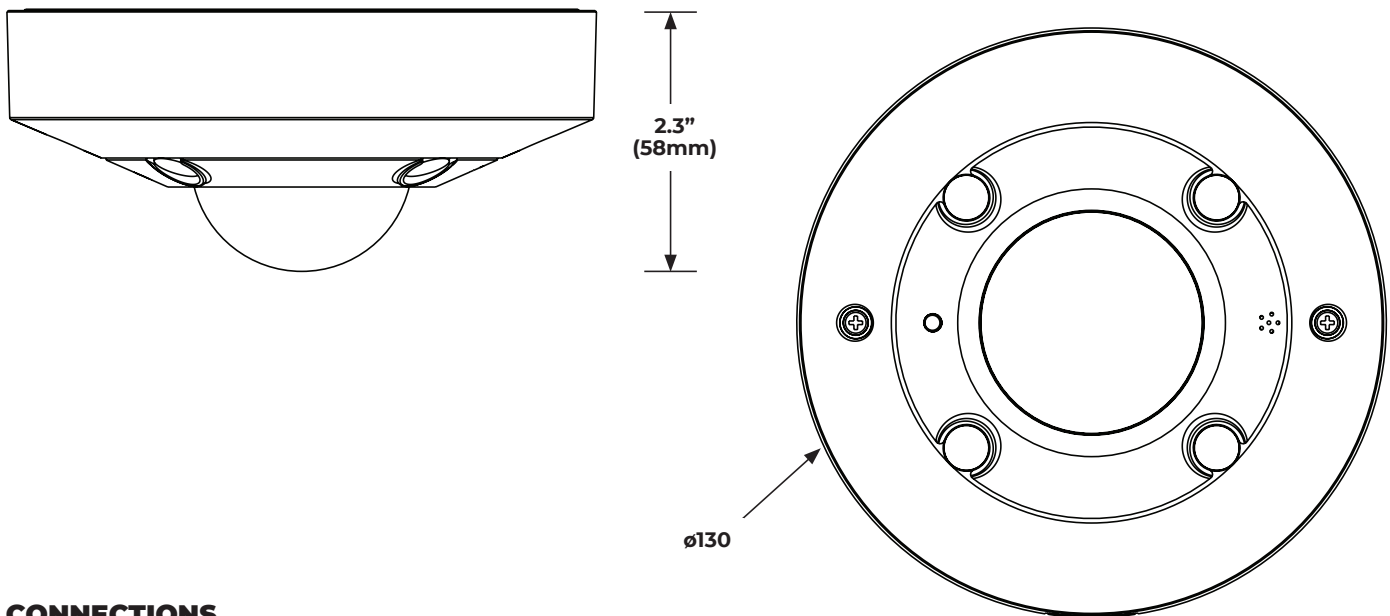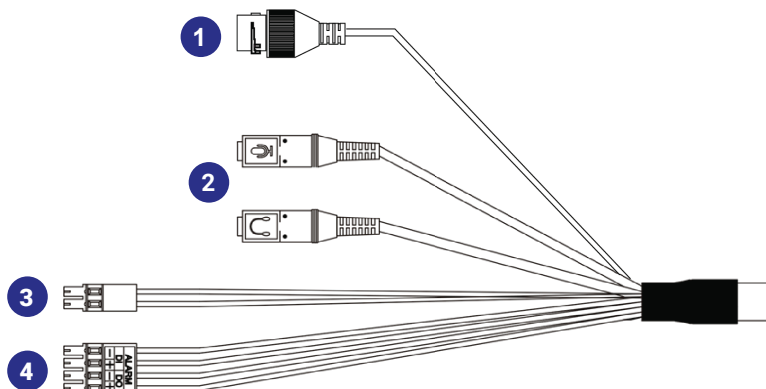
CONNECTIONS

1	RJ-45	For network and PoE connections	
2	Audio I/O	Pink	Audio In (Line In)
		Green	Audio Out (Line Out)
3	Power (12vDC)*	Black	DC 12V -
		Red	DC 12V +
4	Alarm I/O	1	Alarm In -
		2	Alarm In +
		3	Alarm Out -
		4	Alarm Out +

*12vDC power input port should be plugged when not in use.
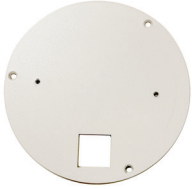
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ACCESSORIES

91-Series Angled Wall Mount
OE-CA91AWM-01

91-Series Adapter Plate
OE-CA91AP-01

91-Series Adapter Plate
OE-CA91AP-01

Wall Mount
OE-CA79WM

91-Series Wall Mount Kit
OE-CA91WMKT-01

91-Series Adapter Plate
OE-CA91AP-01

Dome Junction Box
OE-CA79JB

91-Series Junction Box Kit
OE-CA91JBKT-01

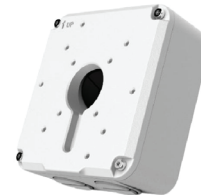91-Series Adapter Plate
OE-CA91AP-01

Pendant Mount Adapter
OE-CA79PM

91-Series Pendant Mount Kit
OE-CA91PCKT-01

91-Series Wall Mount Kit
OE-CA91WMKT-01

Indoor/Outdoor 7" Junction Box
OE-CA00JB-01

91-Series Pendant Mount Kit
OE-CA91PCKT-01

Ceiling-Mounted Pole
OE-CA00CMP-01

91-Series Pendant Mount Kit
OE-CA91PCKT-01

Indoor/Outdoor Wall Mount
OE-CA00WM-01

91-Series Pendant Mount Kit
OE-CA91PCKT-01

Indoor/Outdoor Wall Mount
OE-CA00WM-01

Corner Mount
OE-CA00CM-01

91-Series Pendant Mount Kit
OE-CA91PCKT-01

Indoor/Outdoor Wall Mount
OE-CA00WM-01

Pole Mount Kit
OE-CA00PMK-02