Alco

intelligent solutions

SECURITY
SOLUTIONS

ABOUT
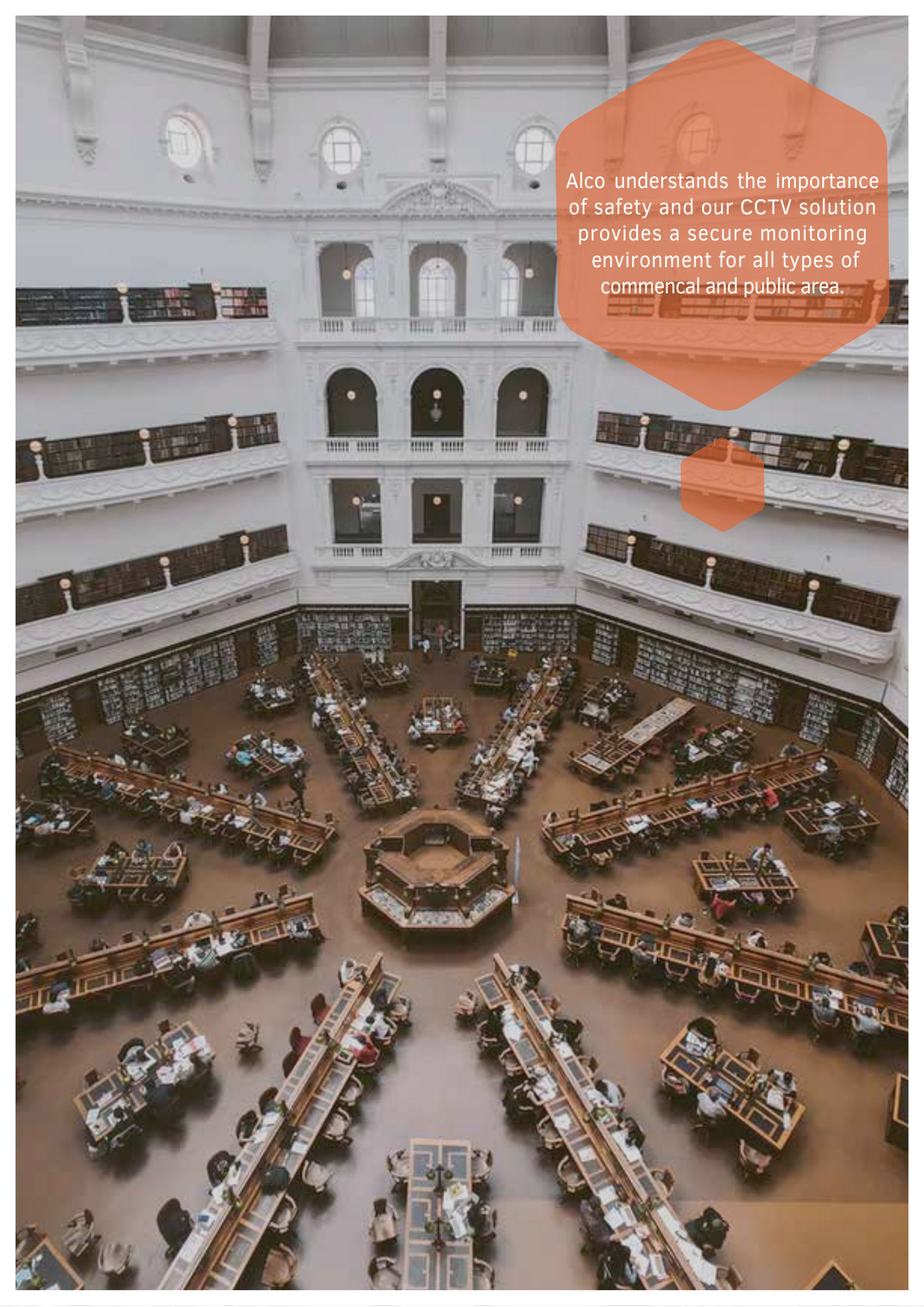
Alco is one of the leading intelligent solution providers of Fire Detection System and Security System in the United States of America. Based in California since 1992, we have grown to deliver the most innovative building management solutions (BMS) for commercial and industrial establishments around the globe.

Alco is committed to deliver effective solutions that can help our customers. Our supplied products are designed to cater our customers in the most effective manner and we take that responsibility very seriously.

Our smart and effective Building Solutions has given us an opportunity to diversify and explore new business opportunity in the market and we are extremely delighted to penetrate successfully in various large and medium scale projects.

Alco Security Solution is widely used to monitor public area to ensure safe and secure environment.

Alco understands the importance of safety and our CCTV solution provides a secure monitoring environment for all types of commencal and public area.

Alco CCTV Solution are widely used in various commercial and private sectors such as corporate offices, restaurant, hospitals, school etc. To provide quality surveillance our solution are also widely used in the residential sector to ensure safety.

We understand that busy public area such as parking spaces have many occupancies through out the day. Alco offers a wide range of cctv solution to manage such situations making it very easy for all our client.
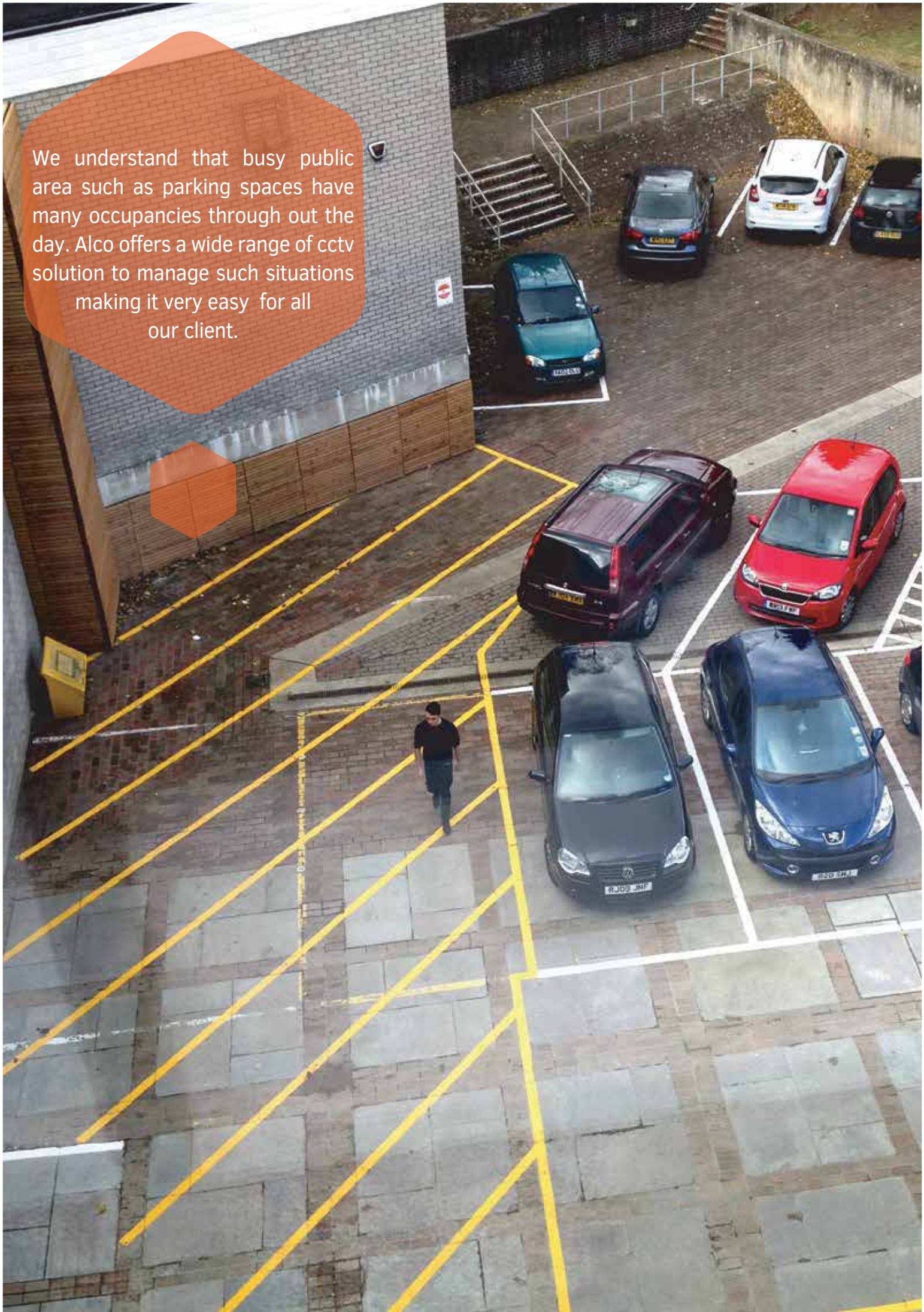
AI LITE SERIES

STATE OF THE ART HIGH DEFINITION

H.265+ HEVC	Profile GST Onvif	VCA	PoE	Defog	SD HC	SIP	Plugin-free	Cyber Security
H.265+	ONVIF	VCA	PoE	Defog	256GB	SIP	Plugin-free	Cyber Security

H.265⁺ VANDAL-PROOF BULLET AI LITE CAMERA (2/5 MP)

AI / 0.002Lux Ultra Low-light / 60fps / IP66 / IP67 / IK10 / PoE (8 MP Optional)

KEY FEATURE

- AI Video Analytics
- Advanced Heat Map
- Face Detection Function
- Real-Time People Counting
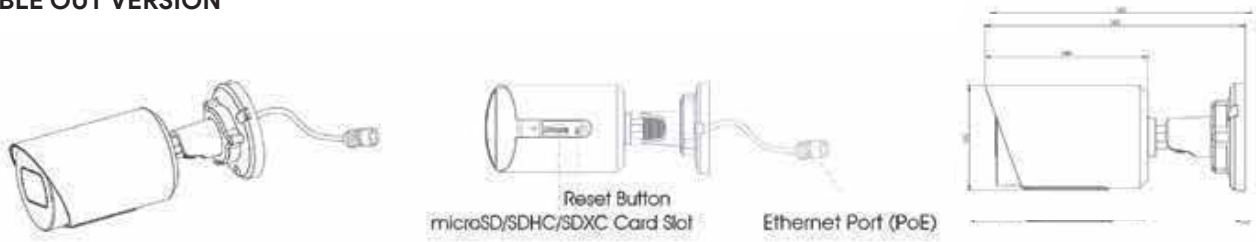- 4K Video Viewing Experience
- Leading-Edge H.265+ Compression

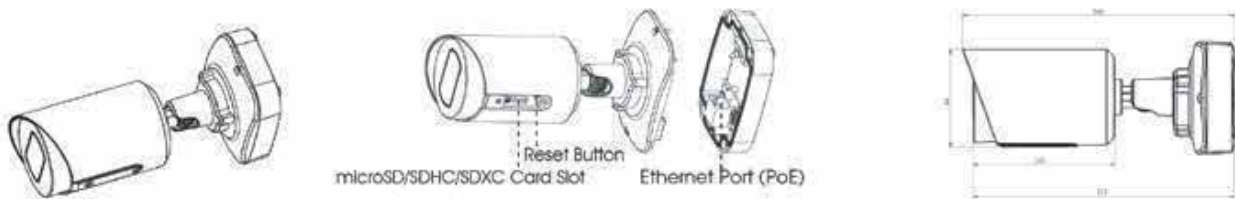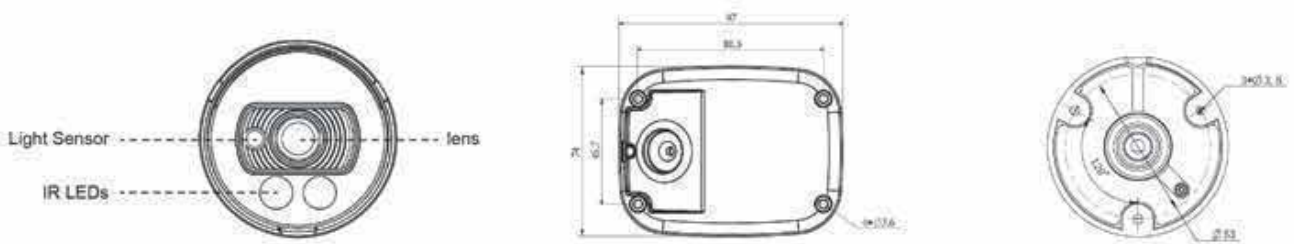| MODEL	AIS-NC2964-PD / AIS-MSC2964(PD/PA/RPC)	AIS-NC5364-PD / AIS-MSC5364(PD/PA/PC)
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
WDR	Super WDR 140dB	Super WDR 120dB
Min. Illumination	Color: 0.002Lux@f.12 0.005Lux@F1.6	Color: 0.005Lux@f.12 0.008Lux@F1.6
Lens	2.8mm/4mm/6mm @F1.6	2.8mm/4mm/6mm @F1.6
Field of View	H111°/D128°/V61°(2.8mm)	H105°/ D131° / V78°
Mount	M12	M12
Shutter Time	1/100000s~1s	1/100000s~1s
IR Distance	Up to 30m	Up to 30m
Day & Night	Day/Night/Auto/Customize/Schedule	Day/Night/Auto/Customize/Schedule
S / N	>55dB	>55dB
Max. Image Resolution	60fps@(1920 x 1080)	30fps@(2592 x 1944)
Primary Stream	30fps@(1920x1080, 1280x960, 1280x720, 704x576)	
Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
Video Compression	H.265+/ H.265(HEVC)/H.264+/H.264/MJPEG	
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	16Kbps~16Mbps(CBR/VBR Adjustable)
Face Detection	Detect and Capture Faces, Get Real-time Snapshots	
Ethernet	1*RJ45 10M/100M Ethernet Port	1*RJ45 10M/100M Ethernet Port
People Counting	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour,SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage upto 256G (Optional)	
Advanced Function	Heat Map, Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering	
Audio I/O	1/1 (Multi-interface Version)	1/1 (Multi-interface Version)
Event Trigger	Motion Detection, Network Disconnection, etc.	
Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.	
Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection	
System Compatibility	ONVIF Profile G & Q & S & T	ONVIF Profile G & Q & S & T
Working Temperature	-40℃ ~ 60℃	-40℃ ~ 60℃
Working Humidity	0~90%(Non-condensing)	0~90%(Non-condensing)
Power Supply	PoE (802.3af)	PoE (802.3af)
Power Consumption	2.5W MAX / 3.6W MAX (With IR on)	2.5W MAX / 3.6W MAX (With IR on)
Weather Proof	Up to IP67-rated for Weather-resistant Performance	
Housing	IP67/IK10	
Weight	450g (Cable Out Version) / 610g (Junction Box Version)	
Dimensions	97mmX74mmX180mm (Junction Box Version) / Φ64mmX160mm (Cable Out Version)	

STRUCTURE DIAGRAMS

CABLE OUT VERSION

Reset Button
microSD/SDHC/SDXC Card Slot   Ethernet Port (PoE)

JUNCTION BOX VERSION

Reset Button
microSD/SDHC/SDXC Card Slot   Ethernet Port (PoE)

SMART IR II TECHNOLOGY

Light Sensor ---------- lens

IR LEDs ----------

ACCESSORIES SUPPORT

AIS-A01 Pole Mount

Weight: 720g
Dimensions: 170*51.1*152.6mm

AIS-A02 Internal Corner Bracket

Weight: 540g
Dimensions: 170*23.2*205.3mm

AIS-A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.6*76.3mm

H.265⁺ VANDAL-PROOF MOTORIZED BULLET AI LITE CAMERA (2/5 MP)

AI / 0.002Lux Ultra Low-light / 60fps / IP66 / IP67 / IK10 / PoE (8 MP Optional)
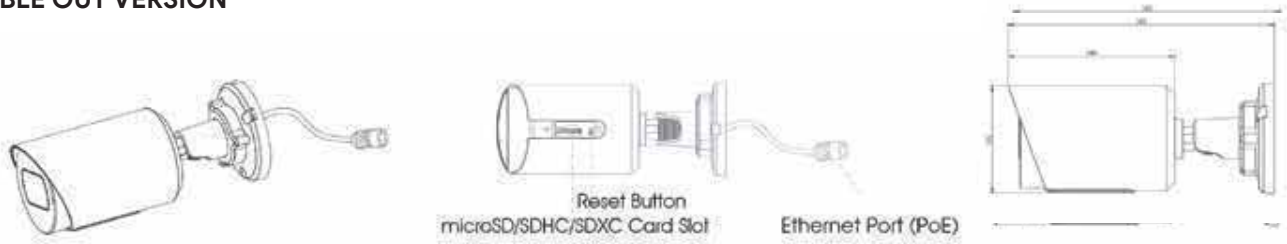
ONVIF | G Q S T

KEY FEATURE

- AI Video Analytics
- Advanced Heat Map
- Face Detection Function
- Advanced Motorized Lens
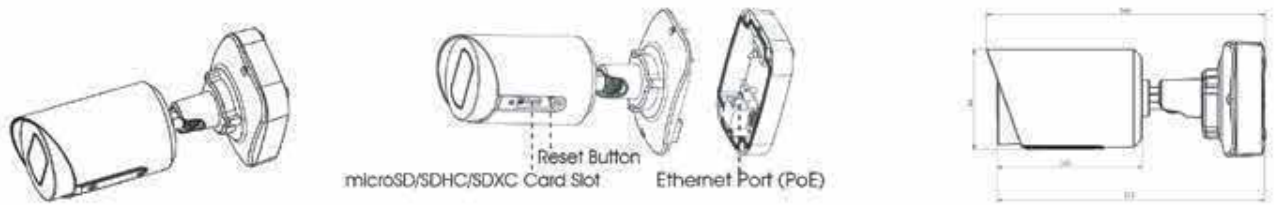- Real-Time People Counting
- 4K Video Viewing Experience

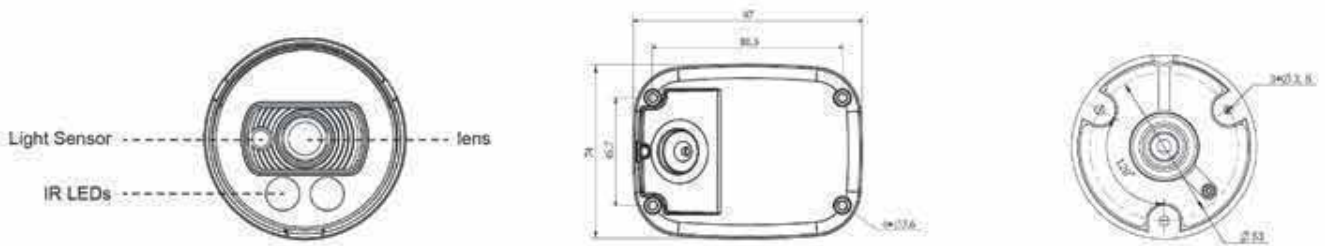| MODEL	AIS-NC2964-MPD / AIS-MSC2964-R(T)F(I)PC	AIS-NC5364-MPD / AIS-MSC5364 F(I)PC
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
WDR	Super WDR 140dB	Super WDR 120dB
Min. Illumination	Color: 0.002Lux@f.12 0.005Lux@F1.4	Color: 0.005Lux@f.12 0.008Lux@F1.4
Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris (Optional)	
Field of View	H111°~H34°/D130°~D39°/V60°~V19°	H99°~H31°/D124°~D38°/V72°~V23°
Mount	M12	M12
Shutter Time	1/100000s~1s	1/100000s~1s
IR Distance	Up to 50m	Up to 50m
Day & Night	Day/Night/Auto/Customize/Schedule	Day/Night/Auto/Customize/Schedule
S / N	>55dB	>55dB
Max. Image Resolution	60fps@(1920 x 1080)	30fps@(2592 x 1944)
Primary Stream	30fps@(1920x1080, 1280x960, 1280x720, 704x576)	
Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
Video Compression	H.265+/ H.265(HEVC)/H.264+/H.264/MJPEG	
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	16Kbps~16Mbps(CBR/VBR Adjustable)
Face Detection	Detect and Capture Faces, Get Real-Time Snapshots	
Ethernet	1*RJ45 10M/100M Ethernet Port	1*RJ45 10M/100M Ethernet Port
People Counting	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour,SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage upto 256G (Optional)	
Advanced Function	Heat Map, Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering	
Audio I/O	1/1 (Multi-interface Version)	1/1 (Multi-interface Version)
Event Trigger	Motion Detection, Network Disconnection, etc.	
Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.	
Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection	
System Compatibility	ONVIF Profile G & Q & S & T	ONVIF Profile G & Q & S & T
Working Temperature	-40℃ ~ 60℃	-40℃ ~ 60℃
Working Humidity	0~90%(Non-condensing)	0~90%(Non-condensing)
Power Supply	PoE (802.3af) / DC 12V±10%	PoE (802.3af) / DC 12V±10%
Power Consumption	2.5W MAX / 3.6W MAX (With IR on)	2.5W MAX / 3.6W MAX (With IR on)
Weather Proof	Up to IP67-rated for Weather-resistant Performance	
Housing	IP67/IK10	IP67/IK10
Dimensions/Weight	Φ76mm X 239.5mm / 825g	Φ76mm X 239.5mm / 825g

STRUCTURE DIAGRAMS

CABLE OUT VERSION

Reset Button
microSD/SDHC/SDXC Card Slot
Ethernet Port (PoE)

JUNCTION BOX VERSION

Reset Button
microSD/SDHC/SDXC Card Slot
Ethernet Port (PoE)

SMART IR II TECHNOLOGY

Light Sensor
lens
IR LEDs

ACCESSORIES SUPPORT

AIS-A01 Pole Mount

Weight: 720g
Dimensions: 170*51.1*152.6mm

AIS-A02 Internal Corner Bracket

Weight: 540g
Dimensions: 170*23.2*205.3mm

AIS-A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.6*76.3mm

H.265 ⁺ WEATHER-PROOF DOME AI LITE CAMERA (2/5 MP)

AI / 140dB WDR / 0.002Lux Ultra Low-light / 60fps / IP66 / IP67 / IK10 / PoE
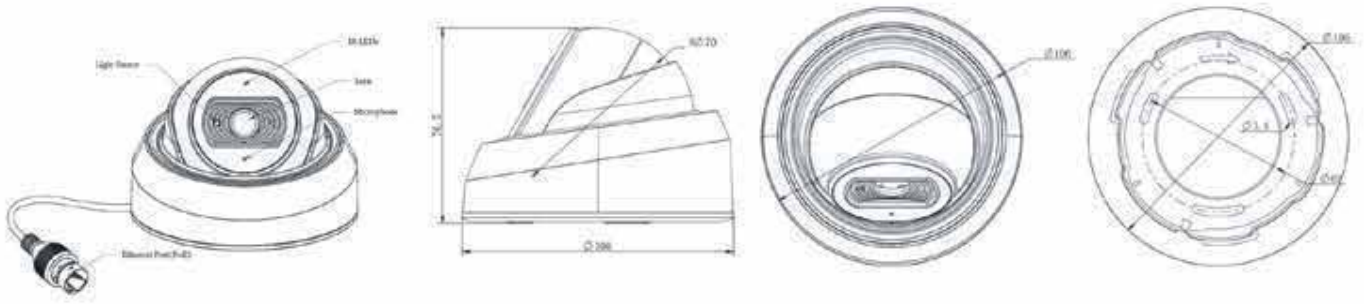
ONVIF G Q S T

KEY FEATURE

- AI Video Analytics
- Advanced Heat Map
- Face Detection Function
- Real-Time People Counting
- Advanced Built-in Microphone
- Reliable Anti-Vibration Performance

MODEL	AIS-NC2975-PD / AIS-MSC2975(PD/PA/RPC)	AIS-NC5375-PD / AIS-MSC5375(PD/PA/PC)
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Min.Illumination	Color: 0.002Lux@F.12 0.005Lux@F1.6	Color: 0.005Lux@f.12 0.008Lux@F1.6
WDR	140dB Super WDR	Super WDR 120dB
Lens	2.8mm/4mm/6mm @F1.6	2.8mm/4mm/6mm @F1.6
Mount	M12	M12
Field of View	H111°/D128°/V61°(2.8mm)	H105°/D131°/V78°(2.8mm)
Shutter Time	1/100000s~1s	1/100000s~1s
IR Distance	Up to 25m	Up to 25m
Day & Night	Day/Night/Auto/Customize/Schedule	Day/Night/Auto/Customize/Schedule
S / N	>55dB	>55dB
Max. Image Resolution	60fps@(1920 x 1080)	30fps@(2592 x 1944)
Primary Stream	30fps@(1920x1080, 1280x960, 1280x720, 704x576)	
Face Detection	Detect and Capture Faces, Get Real-Time Snapshots	
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	16Kbps~16Mbps(CBR/VBR Adjustable)
Audio Compression	G.711/AAC/G.722/G.726	G.711/AAC/G.722/G.726
Ethernet	1*RJ45 10M/100M Ethernet Port	1*RJ45 10M/100M Ethernet Port
People Counting	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour,SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage upto 256G (Optional)	
Advanced Function	Heat Map, Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering	
Audio I/O	1/1 (Multi-interface Version)	1/1 (Multi-interface Version)
Event Trigger	Motion Detection, Network Disconnection, etc.	
Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.	
Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection	
System Compatibility	ONVIF Profile G & Q & S & T	ONVIF Profile G & Q & S & T
Working Temperature	-40℃ ~ 60℃	-40℃ ~ 60℃
Working Humidity	0~90%(Non-condensing)	0~90%(Non-condensing)
Power Supply	PoE (802.3af)	PoE (802.3af)
Power Consumption	2.5W MAX	2.5W MAX
Housing	IP67/IK10	IP67/IK10
Audio	Built-in Microphone	Built-in Microphone
Weight	410g (Cable Out Version)	600g (Junction Box Version)
Dimensions	Φ106mmX76.5mm (Cable Out Version) / Φ108mmX96.5mm (Junction Box Version)	

STRUCTURE DIAGRAMS
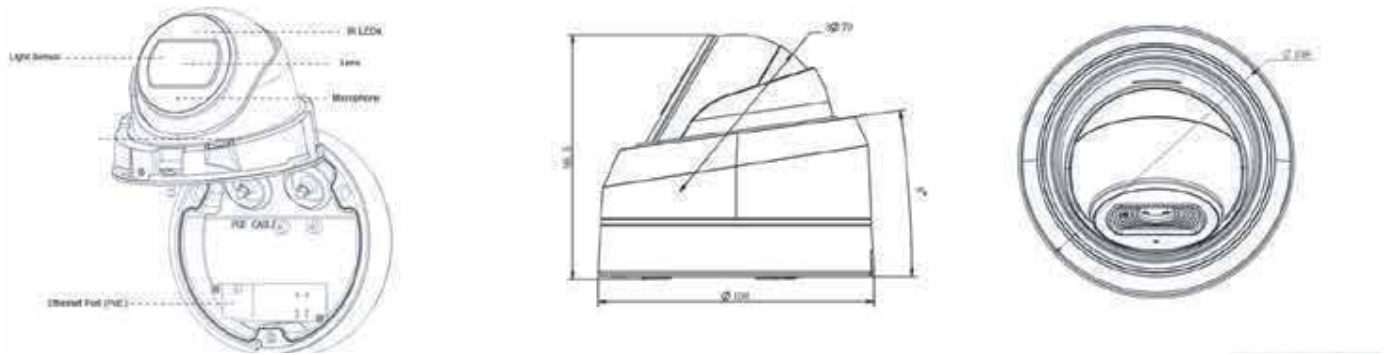
CABLE OUT VERSION

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JUNCTION BOX VERSION

....

ACCESSORIES SUPPORT

AIS-A01 Pole Mount

Weight: 720g
Dimensions: 170*51.5*152.6mm

AIS-A02 Internal Corner Bracket

Weight: 540g
Dimensions: 170*23.2*205.3mm

AIS-A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.6*76.3mm

AIS-A71 Wall Mount

Weight: 530g
Dimensions: 162-124-78mm

AIS-A73 Adapter Plate

Weight: 28g
Dimensions: 115*122.5*10mm

H.265⁺ WEATHER-PROOF AF MOTORIZED DOME AI LITE CAMERA (2/5 MP)

AI / 140dB WDR / 0.002Lux Ultra Low-light / 60fps / IP66 / IP67 / IK10 / PoE

KEY FEATURE

- AI Video Analytics
- Advanced Heat Map
- Face Detection Function
- Real-Time People Counting
- Advanced Built-in Microphone
- Reliable Anti-Vibration Performance

MODEL	AIS-NC2975-AFPD / AIS-MSC2975(PD/PA/REPC)	AIS-NC5375-AFPD / AIS-MSC5375(PD/PA/EPC)
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Min.Illumination	Color: 0.002Lux@F.12 0.005Lux@F1.8	Color: 0.005Lux@f.12 0.008Lux@F1.8
WDR	140dB Super WDR	Super WDR 120dB
Lens	2.8~8.4mm, 3X Optical Zoom	2.8~8.4mm, 3X Optical Zoom
Mount	M12	M12
Field of View	H111°~ H48°/D130°~D55°/V60°~V27°	H101°~H42°/D129°~D53°/V74°~V31°
Shutter Time	1/100000s~1s	1/100000s~1s
IR Distance	Up to 35m	Up to 35m
Day & Night	Day/Night/Auto/Customize/Schedule	Day/Night/Auto/Customize/Schedule
S / N	>55dB	>55dB
Max. Image Resolution	60fps@(1920 x 1080)	30fps@(2592 x 1944)
Primary Stream	30fps@(1920x1080, 1280x960, 1280x720, 704x576)	
Face Detection	Detect and Capture Faces, Get Real-Time Snapshots	
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	16Kbps~16Mbps(CBR/VBR Adjustable)
Audio Compression	G.711/AAC/G.722/G.726	G.711/AAC/G.722/G.726
Ethernet	1*RJ45 10M/100M Ethernet Port	1*RJ45 10M/100M Ethernet Port
People Counting	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour,SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage upto 256G (Optional)	
Advanced Function	Heat Map, Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering	
Audio I/O	1/1 (Multi-interface Version)	
Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm.	
Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification.	
Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection	
System Compatibility	ONVIF Profile G & Q & S & T	ONVIF Profile G & Q & S & T
Working Temperature	-40℃ ~ 60℃	-40℃ ~ 60℃
Working Humidity	0~90%(Non-condensing)	0~90%(Non-condensing)
Power Supply	PoE (802.3af) / DC 12V±10%	PoE (802.3af) / DC 12V±10%
Power Consumption	2.5W MAX	2.5W MAX
Housing	IP67/IK10	IP67/IK10
Audio	Built-in Microphone	Built-in Microphone
Weight	410g (Cable Out Version)	600g (Junction Box Version)
Dimensions/Weight	108mmX96.5mm/620g	Φ108mmX96.5mm/620g

STRUCTURE DIAGRAMS
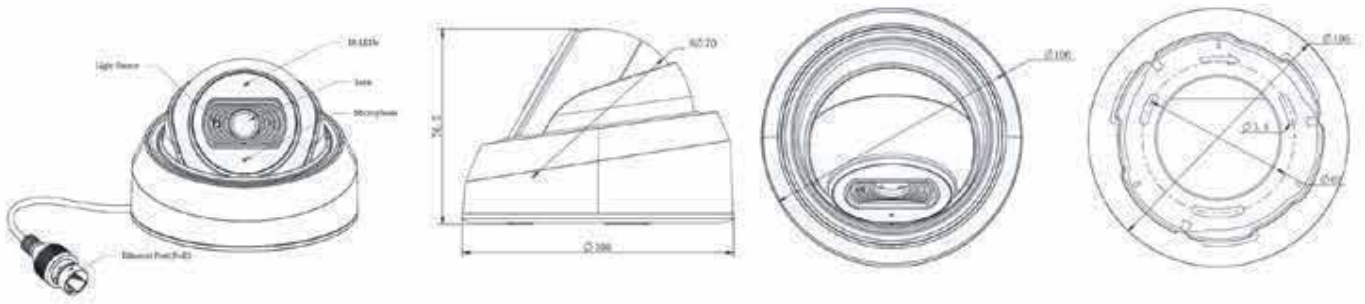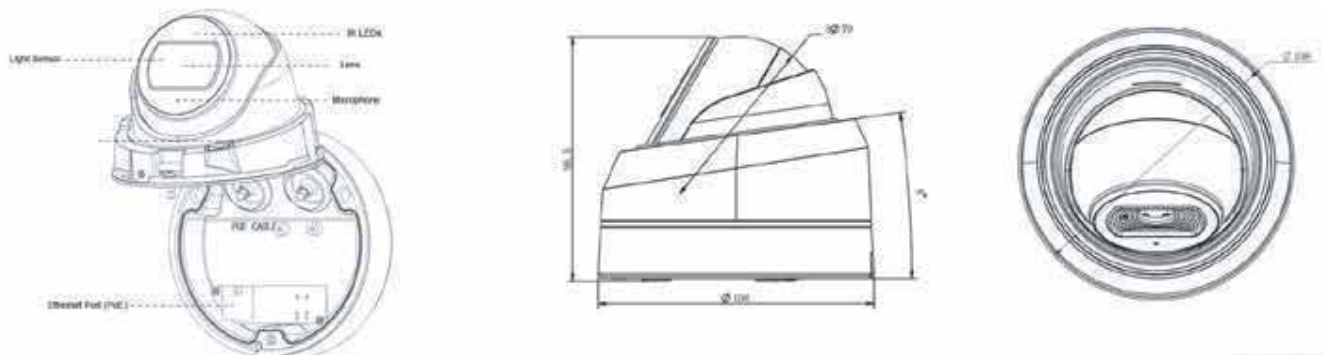
CABLE OUT VERSION

JUNCTION BOX VERSION

ACCESSORIES SUPPORT

AIS-A01 Pole Mount

Weight: 720g
Dimensions: 170*51.5*152.6mm

AIS-A02 Internal Corner Bracket

Weight: 540g
Dimensions: 170*23.2*205.3mm

AIS-A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.6*76.3mm

AIS-A71 Wall Mount

Weight: 530g
Dimensions: 162-124-78mm

AIS-A73 Adapter Plate

Weight: 28g
Dimensions: 115*122.5*10mm

H.265⁺ VANDAL-PROOF DOME AI LITE CAMERA (2/5 MP)

AI / 0.002Lux Ultra Low-light / 60fps / EN50155 / IP66 / IP67 / IK10 / PoE (8 MP Optional)

Onvif | G Q S T

KEY FEATURE

- AI Video Analytics
- Advanced Heat Map
- Face Detection Function
- Real-Time People Counting
- 4K Video Viewing Experience
- Reliable Anti-Vibration Performance

MODEL	AIS-NC2973-PD / AIS-MSC2973(PD/PA/RPC)	AIS-NC5373-PD / AIS-MSC5373(PD/PA/PC)
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Min.Illumination	Color: 0.002Lux@f.12 0.005Lux@F1.4	Color: 0.005Lux@f.12 0.008Lux@F1.4
WDR	140dB Super WDR	Super WDR 120dB
Lens	2.8mm/4mm/6mm @F1.6	2.8mm/4mm/6mm @F1.6
Mount	M12	M12
Field of View	H111°/D128°/V61°(2.8mm) H91°/D106°/V50°(4mm) H55°/D63°/V32°(6mm)	
Shutter Time	1/100000s~1s	1/100000s~1s
IR Distance	Up to 30m	Up to 30m
Day & Night	Day/Night/Auto/Customize/Schedule	Day/Night/Auto/Customize/Schedule
S / N	>55dB	>55dB
Max. Image Resolution	60fps@(1920 x 1080)	30fps@(2592 x 1944)
Primary Stream	30fps@(1920x1080, 1280x960, 1280x720, 704x576)	
Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	16Kbps~16Mbps(CBR/VBR Adjustable)
Face Detection	Detect and Capture Faces, Get Real-Time Snapshots	
Ethernet	1*RJ45 10M/100M Ethernet Port	1*RJ45 10M/100M Ethernet Port
People Counting	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour,SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage upto 256G (Optional)	
Advanced Function	Heat Map, Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering	
Audio I/O	1/1 (Multi-interface Version)	1/1 (Multi-interface Version)
Event Trigger	Motion Detection, Network Disconnection, etc.	
Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.	
Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection	
System Compatibility	ONVIF Profile G & Q & S & T	ONVIF Profile G & Q & S & T
Working Temperature	-40℃ ~ 60℃	-40℃ ~ 60℃
Working Humidity	0~90%(Non-condensing)	0~90%(Non-condensing)
Power Supply	PoE (802.3af)	PoE (802.3af)
Power Consumption	3.5W MAX (With IR on)	3.5W MAX (With IR on)
Weather Proof	Up to IP67-rated for Weather-resistant Performance	
Housing	IP67/IK10	IP67/IK10
Weight	500g	500g
Dimensions	118.5mmX110.8mmX65mm	118.5mmX110.8mmX65mm

STRUCTURE DIAGRAMS
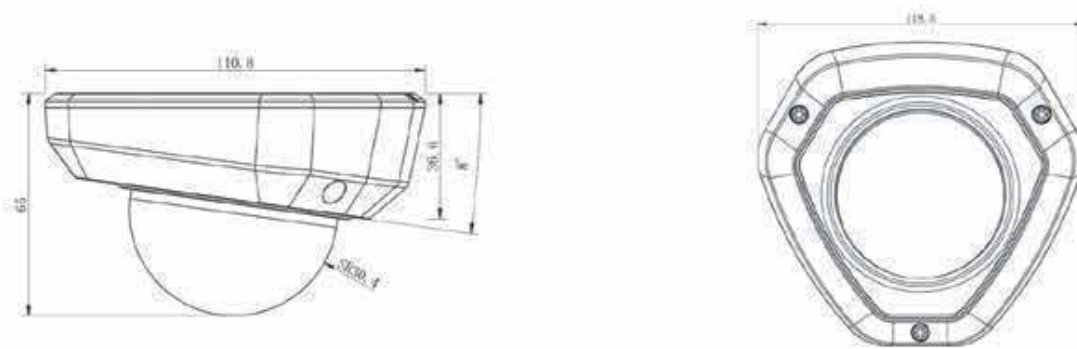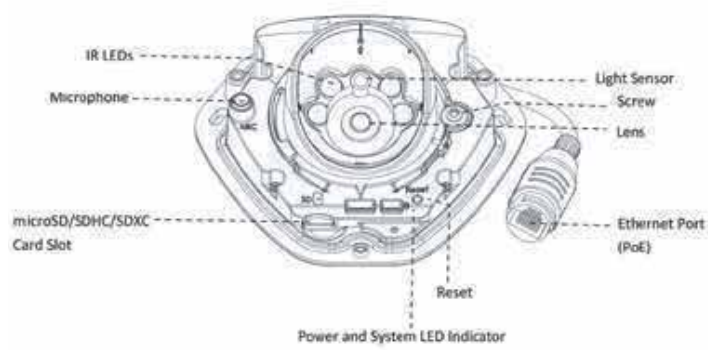
ACCESSORIES SUPPORT

AIS-A01 Pole Mount

Weight: 720g
Dimensions: 170*51.5*152.6mm

AIS-A02 Internal Corner Bracket

Weight: 540g
Dimensions: 170*23.2*205.3mm

AIS-A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.6*76.3mm

AIS-A71 Wall Mount

Weight: 530g
Dimensions: 162-124-78mm

AIS-A73 Adapter Plate

Weight: 28g
Dimensions: 115*122.5*10mm

AIS-A74 Junction Box

Weight: 60g
Dimensions: 121.5*116.5*37.2mm

San Carlos Business and Technology Park,
Industrial Road, CA 94070 - USA
Email us at enquiry@alcosolutions.net
Web: www.alcosolutions.net