



# **SECURITY SOLUTIONS**



# ABOUT

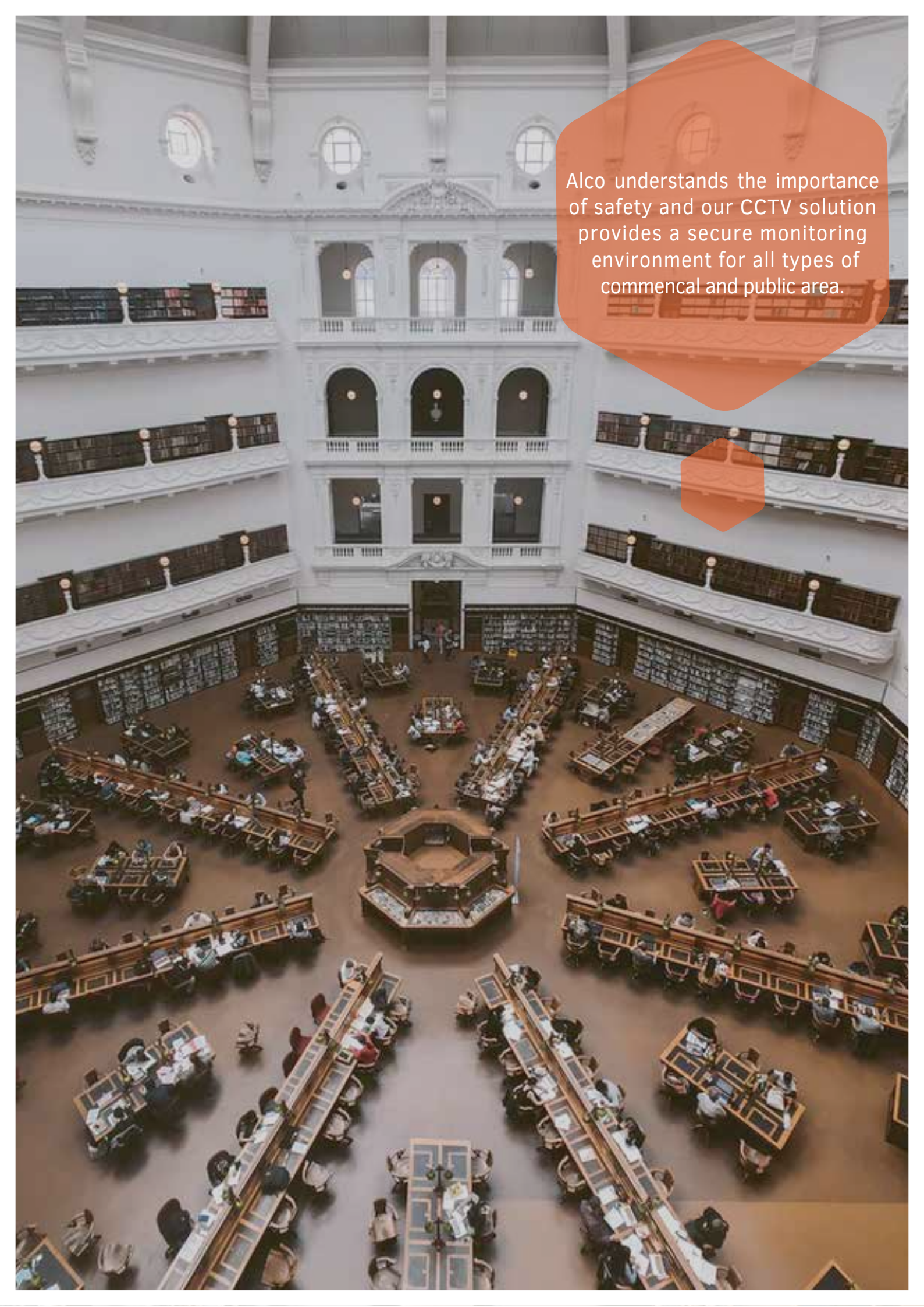
Alco is one of the leading intelligent solution providers of Fire Detection System and Security System in the United States of America. Based in California since 1992, we have grown to deliver the most innovative building management solutions (BMS) for commercial and industrial establishments around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

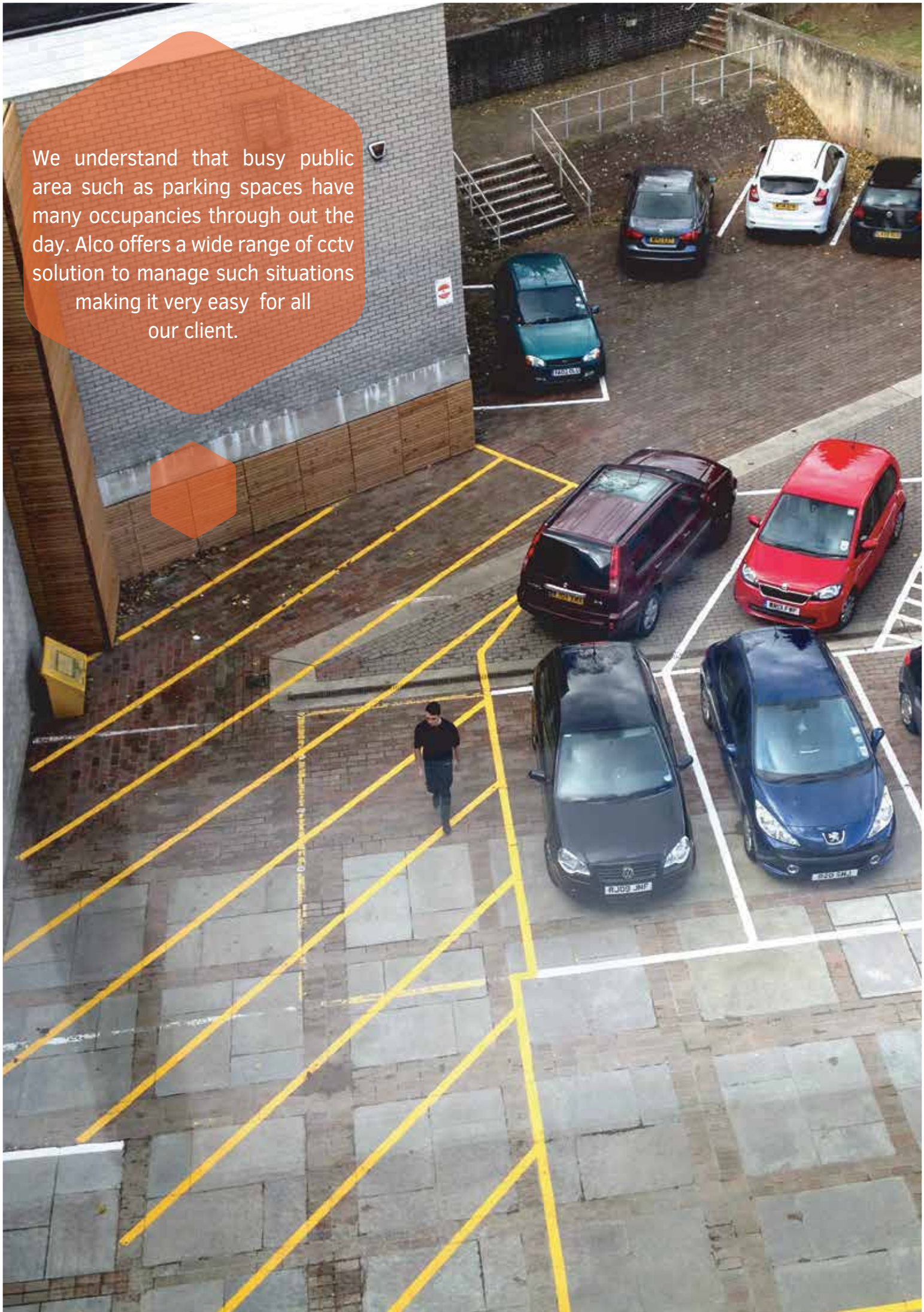


Also understands the importance of safety and our CCTV solution provides a secure monitoring environment for all types of commenal and public area.



Also 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.





# PTZ AND PANORAMIC SERIES

STATE OF THE ART HIGH DEFINITION



H.265+



ONVIF



VCA



PoE



Defog



256G



SIP



Plugin-free



Cyber  
Security

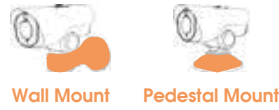
## H.265+ 12X PTZ BULLET CAMERA (2/5 MP)

H.265+ / PTZ Privacy Mask / 3D Positioning / IP66 / SIP



### KEY FEATURE

- 360 Endless Pan & 75 Tilt
- 12X Optical Zoom
- Smart IR II With 140m IR Distance
- PTZ Auto Tracking
- Integrated White LED
- Embedded VCA as Standard
- 0.002Lux Starlight



Model	AIS-NC2961-X12PD / R(T)PC	AIS-NC5361-X12PD / PC
Megapixel	2MP	5MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Lens	5.3 - 66mm @ F1.6 - F2.8, 12X Optical Zoom	5.3 - 66mm @ F1.6 - F2.8, 12X Optical Zoom
Field of View	H61- H5 / D69 - D5 / V36 - V2	H57 - H4 / D69 - D5 / V44 - V1
WDR	Super WDR up to 140dB	Super WDR up to 120dB
Tilt Range	360 Endless: Pan Manual Speed: 0.2 - 60/s	360 Endless: Pan Manual Speed: 0.2 - 60/s
Pan Speed	-45 -30: Tilt Manual Speed 0.2 - 30/s	-45 -30: Tilt Manual Speed 0.2 - 30/s
Min. Illumination	Color: 0.002Lux @ F1.2 B/W: 0Lux with IR on	Color: 0.005Lux @ F1.2 B/W: 0Lux with IR on
Video Compression	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG
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	
Dimensions/Weight	160mm X 273.5mm X 210mm / 2Kg (Wall Mount)	218mm X 120mm X 1.8Kg (Pedestal Mount)

## 12X / 20X / 23X H.265+ PTZ DOME CAMERA (2/5/8 MP)

H.265+ / PTZ Privacy Mask / 3D Positioning / IP66 / SIP



### KEY FEATURE

- 0.002Lux Starlight
- 140dB Super WDR
- Smart IR II With 20m IR Distance
- 120 Wide Angle Viewing Experience
- 60fps High Frame Rate
- Embedded VCA as Standard



Model	AIS-NC2971-X12PD / R(T)PC	AIS-NC5371-X12PD / PC	AIS-NC8271-X20PD / PC
Megapixel	2MP	5MP	4K
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Lens	2.8mm @ F2.0 / 4mm @ F1.6 / 6mm @ F1.6	2.8mm @ F2.0 / 4mm @ F1.6 / 6mm @ F1.6	2.8mm @ F2.0 / 4mm @ F1.6 / 6mm @ F1.6
Field of View	H124 / D144 / V68 (2.8mm)	H113 / D143 / V83 (2.8mm)	H124 / D140 / V69 (2.8mm)
WDR	Super WDR up to 140dB	Super WDR up to 120dB	Super WDR up to 120dB
Max. Frame Rate	30fps@(1920 x 1080) 60fps@(1920 x 1080)(Optional for R Series)	20fps@(2592 x 1944) 30fps@(2592 x 1944)(Optional for H Series)	15fps@(3840 x 2160)
Min. Illumination	Color: 0.002Lux @ F1.2 B/W: 0Lux with IR on	Color: 0.005Lux @ F1.2 B/W: 0Lux with IR on	Color: 0.01Lux @ F1.2 B/W: 0Lux with IR on
Video Compression	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG
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		
Dimensions/Weight	97.8mm X 57.9mm / 200g	97.8mm X 57.9mm / 200g	97.8mm X 57.9mm / 200g



**23X / 30X / H.265+ SPEED DOME CAMERA (2/5 MP)**

H.265+ / PTZ Privacy Mask / 3D Positioning / IP66 / IK10 / SIP / PoE

**KEY FEATURE**

- 360 Endless Pan & 90 Auto-Filp Tilt
- 23 X 30 X Optical Zoom
- Smart IR II Withup to 200m IR Distance
- 120 Wide Angle Viewing Experience
- 140fps Super WDR
- Embedded VCA as Standard
- 0.002Lux Starlight



Model	AIS-NC2941-X23PC / R(T)PC	AIS-NC5341-X23PC
Megapixel	2MP	5MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Lens	5.0 - 117mm @ F1.5 - F3.5, 23X Optical Zoom	5.0 - 141mm @ F1.5 - F4.0, 23X Optical Zoom
Field of View	H61- H5 / D69 - D5 / V36 - V2	H57 - H4 / D71 - D3 / V44 - V2
WDR	Super WDR up to 140dB	Super WDR up to 120dB
Tilt Range	360 Endless: Pan Manual Speed: 0.2 - 60/s	360 Endless: Pan Manual Speed: 0.2 - 60/s
Pan Speed	-45 -30: Tilt Manual Speed 0.2 - 30/s	-45 -30: Tilt Manual Speed 0.2 - 30/s
Min. Illumination	Color: 0.002Lux @ F1.2 B/W: 0Lux with IR on	Color: 0.005Lux @ F1.2 B/W: 0Lux with IR on
Video Compression	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG
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	
Dimensions/Weight	205mm X 308mm / 4Kg	205mm X 308mm / 4Kg

**36X / 42X / H.265+ SPEED DOME CAMERA (2/5/8 MP)**

H.265+ / PTZ Privacy Mask / 3D Positioning / IP66 / IK10 / SIP / PoE

**KEY FEATURE**

- 360 Endless Pan & 90 Auto-Filp Tilt
- 36 X 42 X Optical Zoom
- Smart IR II With up to 300m IR Distance
- 1/1.8 Starvis Starlight Sensor
- 140fps Super WDR
- Embedded VCA as Standard
- Pan Speed 400/s,Tilt Speed 350/s



Model	AIS-NC2941-X42PC / R(T)PC	AIS-NC5341-X42PC	AIS-NC8241-X42PC
Megapixel	2MP	5MP	4K
Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Lens	5.0 - 205.2mm 41X Optical Zoom	5.7 - 205.2mm 41X Optical Zoom	7.0 - 300mm 41X Optical Zoom
Field of View	H93-H3 / D69-D3 / V38-V1	H45-H2 / D50-D2 / V27-V1	H66-H3 / D72-D3 / V41-V1
WDR	140dB Super WDR	140dB Super WDR	120dB Super WDR
Max. Frame Rate	90fps@(1920 x 1080) 60fps@(1920 x 1080)	60fps@(2592 x 1944) 30fps@(2592 x 1944)	30fps@(3840 x 2160)
Min. Illumination	Color: 0.001Lux @ F1.2 B/W: 0Lux with IR on	Color: 0.002Lux @ F1.2 B/W: 0Lux with IR on	Color: 0.01Lux @ F1.2 B/W: 0Lux with IR on
Video Compression	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG
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		
Dimensions/Weight	205mm X 308mm / 4kg	205mm X 308mm / 4kg	205mm X 308mm / 4kg

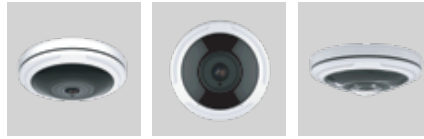
## H.265+360 PANORAMIC FISHEYE CAMERA (5/12 MP)

H.265+ / Stunning Dewarping / 9 Display Model / IP67 / SIP



### KEY FEATURE

- 360 Panoramic Veiw
- On-board and Client-Side Dewarping
- Smart IR II With 15m IR Distance
- Fisheye Auto Tracking
- Advanced Heat Map
- Embedded VCA as Standard
- 0.005Lux Starlight



Model	AIS-NC5374-(PD/PA/PC)	AIS-NC9674-(PD/PA/PC)
Megapixel	5MP	12MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Lens	1.25mm @ F2.0	1.98mm @ F2.8
Field of View	Celling Mount: 360, Wall Mount: 180, Flat Mount: 360	Celling Mount: 360, Wall Mount: 180, Flat Mount: 360
WDR	120dB Super WDR	120dB Super WDR
Display Mode	Fisheye Veiw 360 Panoramic View, 180 Panoramic View 4PTZ, Fisheye + 3PTZ +Panoramic View	Fisheye Veiw 360 Panoramic View, 180 Panoramic View 4PTZ, Fisheye + 3PTZ +Panoramic View
Min. Illumination	Color: 0.005Lux @ F1.2 B/W: 0Lux with IR on	Color: 0.001Lux @ F1.2 B/W: 0Lux with IR on
Video Compression	H.265 / H.265+(HEVC)/H.264+/H.264/MJPEG	H.265 / H.265+(HEVC)/H.264+/H.264/MJPEG
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	
Dimensions/Weight	140mm X 45.4mm / 1100g	140mm X 45.4mm / 1100g

## 12X / 20X / 23X H.265+ PTZ Dome Camera (5/8 MP)

H.265+ / PTZ Privacy Mask / 3D Postitoning / IP66 / SIP



### KEY FEATURE

- 180 Panoramic View
- 120dB Super WDR
- Smart IR II With 15m IR Distance
- 120 Wide Angle Viewing Experience
- Advanced Super Map
- Embedded VCA as Standard



Model	AIS-NC5365-(PD/PA/PC)	AIS-NC8165-(PD/PA/PC)
Megapixel	5MP	4K
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Lens	1.68mm @ F2.0	1.68mm @ F2.0
Field of View	H180 / V95	H180 / V86
WDR	Super WDR up to 120dB	Super WDR up to 120dB
Max. Frame Rate	30fps@(1920 x 1080)	15fps@(3840 x 2160)
Min. Illumination	Color: 0.005Lux @ F1.2 B/W: 0Lux with IR on	Color: 0.01Lux @ F1.2 B/W: 0Lux with IR on
Video Compression	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG	H.265+ / H.265(HEVC)/H.264/H.264/MJPEG
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	
Dimensions/Weight	95.8mm X 75mm X 158.5mm / 360g	95.8mm X 75mm X 158.5mm / 360g

## H.265+180 PANORAMIC DOME CAMERA (5/8 MP)

H.265+ / Stunning Dewarping / PoE&DC / IP67 / SIP / 256G



### KEY FEATURE

- 180 Panoramic Veiw
- Smart IR II With 20m IR Distance
- 120dB Super WDR
- Advanced Heat Map
- Embedded VCA as Standard
- 0.005Lux Starlight
- Built in Microphone



Model	AIS-NC5367-(PD/PA/PC)	AIS-NC8176-(PD/PA/PC)
Megapixel	5MP	4K
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Lens	1.68mm @ F2.0	1.68mm @ F2.0
Field of View	H180 / V95	H180 / V86
WDR	120dB Super WDR	120dB Super WDR
Display Mode	30fps@(2592 x 1944)	15fps@(3840 x 2160)
Min. Illumination	Color: 0.005Lux @ F1.2 B/W: 0Lux with IR on	Color: 0.001Lux @ F1.2 B/W: 0Lux with IR on
Video Compression	H.265+ / H.265(HEVC)/H.264+/H.264/MJPEG	H.265+ / H.265(HEVC)/H.264+/H.264/MJPEG
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	
Dimensions/Weight	127mm X 107mm / 630g	127mm X 107mm / 630g

# LICENSE PLATE RECOGNITION SERIES

### RELATED PRODUCTS:



LPR H.265+ MINI BULLET NETWORK CAMERA



LPR H.265+ VANDAL-PROOF MOTORIZED MINI BULLET NETWORK CAMERA



LPR H.265+MOTORIZED PRO BULLET NETWORK CAMERA



LPR 12X H.265+AF MOTORIZED PRO BULLET NETWORK CAMERA



LPR H.265+ABF PRO BOX NETWORK CAMERA



LPR 12X H.265+ MINI PTZ BULLET NETWORK CAMERA



### SCENE REQUIREMENTS:



License plate is more than 130px in width



License plate is readable



Vertical angle is less than 30°



Horizontal angle is no more than 30°



Tilt angle is less than 5°



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