MINKING® 明景

Continuous innovation • Leading the future of security

Focus on quality security products + system solutions provider

2001	100+	10+	50000+
Started	Team	Nationwide	Customs
Over 20 Years of Growth	Mainstay Practitioner	Branch Offices	Project Case Services

Intelligent Security Video Monitoring System

V1.0

CHANGZHOU MINKING IOT SENSING CO.,LTD

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CHANGZHOU MINKING IOT SENSING CO., LTD

Company Profile

Changzhou Minking was established in 2001 and is a high-tech enterprise that integrates research and development, production, sales, and service. Always practicing innovation driven approach, deeply integrating AI artificial intelligence, video image processing, 5G communication, Beidou positioning, multi-dimensional perception and other intelligent sensing technologies into product design, committed to building AI digital video solutions and personalized industry solutions covering intelligent power comprehensive solutions, 5G vehicle wireless image transmission solutions, intelligent energy system solutions, intelligent forestry system solutions, etc., and successfully applied in business fields such as power, energy, politics, public security, transportation, hospitals, education, etc.

As a high-tech enterprise in Jiangsu Province, Minking is committed to continuous innovation and desing of new products and technologies. With leading technological advantages and professional services, it has been continuously selected as one of the "Top 100 Security Industry Brands in China", "Top 10 Famous Family Brands in the Security Industry", "Top 10 Most Influential Brands in China's Security Industry", "Recommended Brand for Safe City", "Famous Trademark in Jiangsu Province", and has been awarded the titles of "Changzhou Engineering Technology Research Center", "Changzhou Star Enterprise", "Changzhou A-level Taxpaying Enterprise". It has also won honors such as "Gazelle Enterprise" in Changzhou City and the southern Jiangsu region, "Changzhou City", and "Jiangsu Province Specialized and Innovative Enterprise".

Minking adheres to the product philosophy of "concentration, dedication, and excellence", and insists on operating the enterprise with the spirit of "integrity, pragmatism, respect, transcendence, and win-win". It continuously innovates and improves quality and service, and continues to create value for customers and society.

Development History

Analog

2001
Established,develop & complete the Speed Dome series.

2002-2003
Breakthrough in PTZ technology,become the earliest manufacturer in China to develop and produce intelligent PTZ.

2004-2005
ISO9000 & CE、FCC , become an OEM and ODM partner for well-known brands worldwide.

2006-2008
PTZ widely used in multiple safe city monitoring projects across the country, such as the perimeter monitoring of the Bird's Nest at the 2008 Beijing Olympics and the Qingdao Olympic Sailing Stadium.

2008-2012
Develop and complete network encoding & decoding, enter to HD network in the security industry, become the mainstream manufacturer of PTZ

2012-2014
Integrate system solutions, complete network HD system solutions, 4G wireless image transmission solutions in China, forest fire prevention series and other solutions, and successfully apply them widely in various industries.

HD network

2014-2020
Committed to in-depth research and development of product lines in the power industry, contributing to urban safety and power industry safety. Empower the company's various products and system solutions with AI intelligent analysis capabilities.

2020-2024
AI+5G empowers hardware products and synchronizes self-developed IoT digital twin platforms for use in China.

2025-future
Develop overseas markets and provide high-quality Minking products for use in overseas public security, procuratorial, judicial, forest fire prevention, coastal defense, and bird repelling in substations

Overseas

Contents

Product series

PTZ

MG-PT08-C6   MG-TC18-NH   MG-TC18-SDI-NH   MG-TC28   MG-TC28-AHD
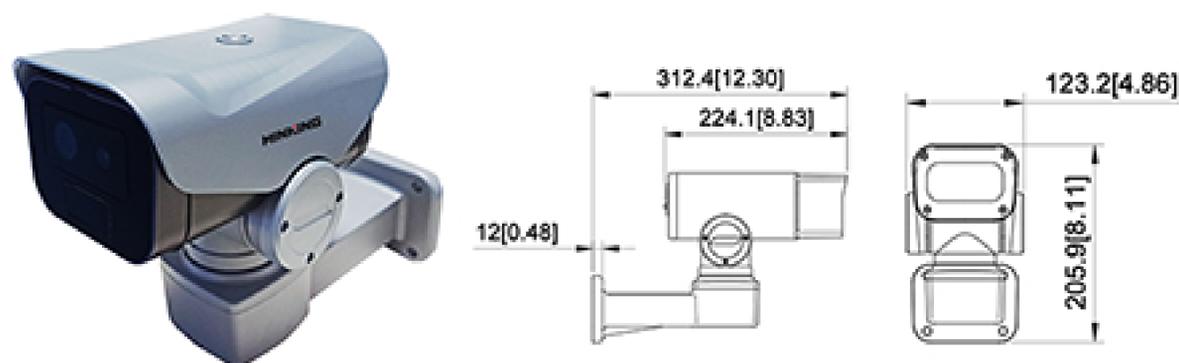
MG-TK08L-NH   MG-HP2-R-NH   MG-TC26-NH   MG-TC26-R-SDI-N   MG-TC26A-NH

MG-TC26A-IA-NH   MG-TK36   MG-TK08-UP   MG-TK80

MG-PT08-C6
Wide Angle Micro-PTZ camera

Products Features

- PTZ with single wide angle lens

- Rainproof, moisture-proof, dustproof, and corrosion-resistant, IP67;

- Strong resistance to electromagnetic interference, suitable for complex environments

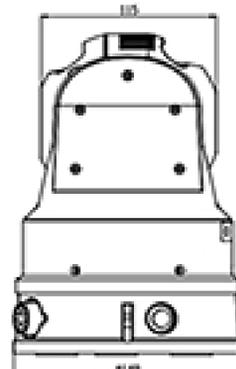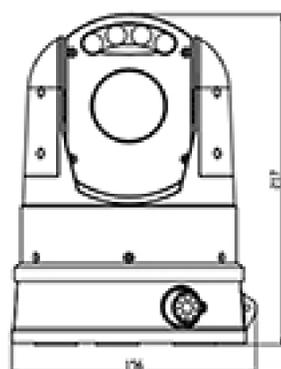| Technical parameters		
Camera	Pixel	8.0MP 3840×2160
	Focal length	2.7-13.5mm
	Viewing angle	Pan: 108.1[W]° - 30.3°[T] ; Tilt: 56.3[W]° - 17.1°[T]; Diagonal: 130.9°[W] - 34.8°[T]
PTZ function	Manual Speed	Pan: 0-20°/S; Tilt: 0-20°/S
	Preset Speed	Pan: 20°/S; Tilt: 20°/S
	Pan Angle/ Tilt Angle	0-320°; -45°~ 45°
	Preset	255pcs
	Cruise	8 groups
	Power failure recovery	Support
Network functions	Video compression	S.264/ H.265/H.264
Interface	RS485	Can support Pelco D/P (optional)
	Network	10/100M network adaptation, RJ45 adapter
General specifications	Temperature/Humidity	-40 - 70℃ / 0～90%(RH)
	IP grade	IP67
	Power	DC9-18V

MG-TC18-NH
Network HD IR camera
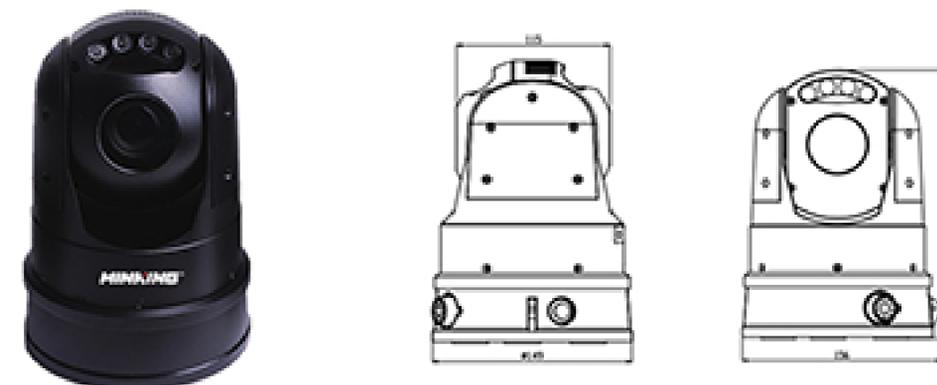
Products Features

- Magnesium alloy design, lighter of weight

- Magnetic chuck quick install, it can remove at any time

- Support 3D location, it can quick tracking target

- IR distance up to 100M

Technical parameters			
Camera	Sensor	1/3" CMOS	1/2.8" CMOS
	Zoom	2.0MP, 20X optical zoom	2.0MP, 33X optical zoom
	LUX	Color:0.01Lux;B/W:0.005Lux	Color:0.001Lux;B/W:0.0001Lux
	Focal	F5.4-108mm	f4.6-152mm
Location function	Pan & Tilt angle	Pan 360° endless rotation, Tilt -15°～+90°	
	Manual Speed	Pan: 0～120°/S; Tilt : 0～30°/S	
	Preset &Tour	255pcs ,8 groups	
	Homing	Preset, Tour	
	Long focus limit speed	Support	
Network function	Dual Stream	1080P /720P + D1/CIF	
	Video compression	H. 265/H. 26 4	
	Resolution	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080) 50HZ:25fps(1280x720) 60HZ:30fps(1280x720)	
	Protocol	TCP/IP、HTTP、DHCP、DNS、DDNS、RTP、RTSP、PPPoE、SMTP、NTP、UPnP、SNMP、FTP、802.1x、QoS、HTTPS、 (IPv6 optional)	
	Join in protocol	ONVI F2. 4、 G8/T28181	
	Smart	Move detection , Video shade, network outage, Harddisk error, IP conflick, disk full	
	Storage	Support Micro SD storage 256G (Suggest use class 10)	
	Audio compression standard	G.711a	
Interface	RS485	Support PECO-P & PELCO-D (adjustable) protocol	
	Network	10/100M network adaptation, RJ45	
General specifications	Temperature	-35℃～55℃	
	Humidty	0～90%(RH)	
	IP grade	IP66	
	Weight	2KG	
	Size	217（H）×156（D）mm	
	Power	DC 12V,15W	

MG-TC18-SDI-NH
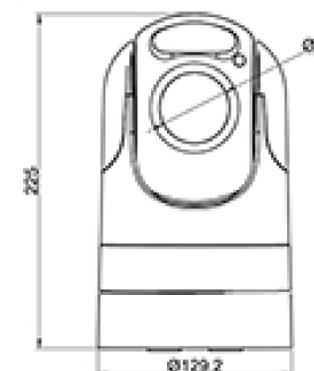## SDI+IP Smart analyze PTZ

Products Features

- Magnesium alloy housing, lighter weight
- Integrated design, bottom has high strength magnet, convenience to take and install

Technical parameters		
Camera module	Image sensor	1/2.8type EXmor CMOS
	Effective Pixels	1920 (H) *1080 (V) ,30x Optical zoom
	Lowest illumination	0.43 lx (50IRE, F1.6); 0.1 lx (50IRE, F1.6)
	Focal length	f = 4.3mm~129mm
Function	Manual control speed	Pan 0-120°/S; Tilt 0-30°/S
	Pan & Tilt angle	Pan: 360° endless , Tilt: -15°~ 90°
	Presets	255pcs
	Scanning	8pcs, scanning speed 8 grade for adjust
	Cruise	8pcs
Intelligent analysis	Perimeter Precaution	Intrusion detection,Loitering Detection,Retrograde motion detection, Tripwire,Lost and Found,Remove
	Intelligent function	Intelligent track,Intelligent DIS,Face detection
Input/Output	RS485 control	Support PELCO-P & PELCO-D
	BNC interface	HD-SDI interface
	Network	10/100M network adaptive,RJ45 adapter
General specifications	Temperature	-35~ 55°C
	Humidity	0 ~ 90%(RH)
	IP grade	IP66
	Weight	2KG
	Size	217 (H) ×156 (D) mm
	Power	Wide range: DC9V-DC18V
	Consumption	<25W

MG-TC28-NH
HD IP PTZ

Products Features

- Aluminum alloy housing
- Built-in pickup(Option)
- POE(Option)
- IR distacne up to 100M

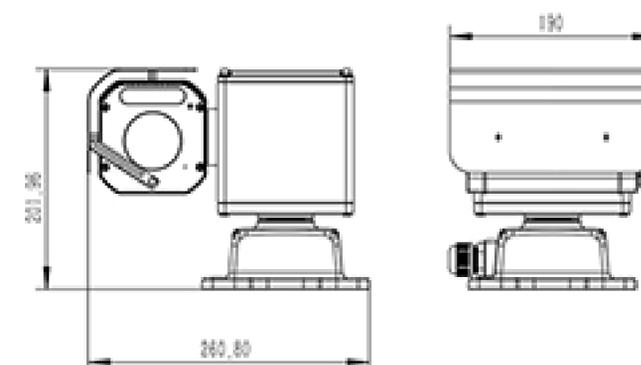| Technical parameters			
Camera	Image sensor	1/3" Sony CMOS	1/2.8" Panasonic CMOS
	Pixel	2.0MP 1920(H)×1080(V)	2.0MP 1920(H)×1080(V)
	Zoom	20X optical zoom ;16X digital zoom	33X optical zoom ;16X digital zoom
	Illumination	0.01Lux @(F1.5,AGC ON)Color / 0.005Lux @(F1.5,AGC ON)B/W	0.01Lux @(F1.2,AGC ON)Color / 0.005Lux @(F1.2,AGC ON)B/W
	Focus	5.4-108mm	4.6-152mm
PTZ function	Pan & Tilt range	Pan: 360°endless rotation, Tilt: - 30°~ + 90°	
	3D Location	Support	
	Pre-plan	Support	
	Homing	Support	
	Power recovery	Support	
	Telephoto speed limit	Support	
Network function	Dual-stream	1080P /720P + D1/CIF	
	Video compression	H. 265/H. 26 4	
	Resolution	2.0MP, 1920×1080 (You also can choose 4.0MP, 8.0MP camera module)	
	Network protocol	TCP /IP ,HTTP， DHCP， DNS， DDNS,RTP,RTSP,PPPo E,SMTP,NTP， UPnP， SNMP， FTP，802. 1x,Qo SHTTPS,(IPv6 option)	
	Join in Protocol	ONVI F2. 4， G8/T28181	
	Smart function	Motion Detecion, Video mask, Network off, Hard mistake, IP confick, Full disk	
	Storage	Support Micro SD storage 128G (Suggest use class 10)	
	Audio compress	G.711a	
Port	RS485 control	Support PECO-P and PELCO-D (support additional) protocol	
	Network	10/100M Network adaptive, RJ45 adapter	
General specifications	Temperature & Humidity	-35~65°C, 0 ~ 90%(RH)	
	IP grade	IP66	
	Weight	3KG	
	Size	Φ219.2×225mm	
	Power	DC 9-24V (POE option, Power 30W)	

MG-TC28-AHD
HD AHD PTZ
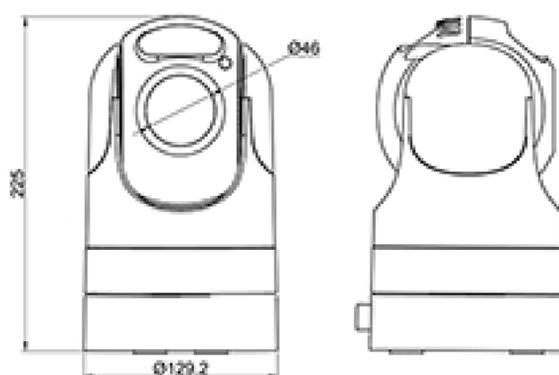
Products Features

- Button has magnet, it can be installed quickly & be disassembled at any time;
- Choose good quality IR, IR distance up to 80M;
- Vehicle power supply range: DC9V~DC24V;

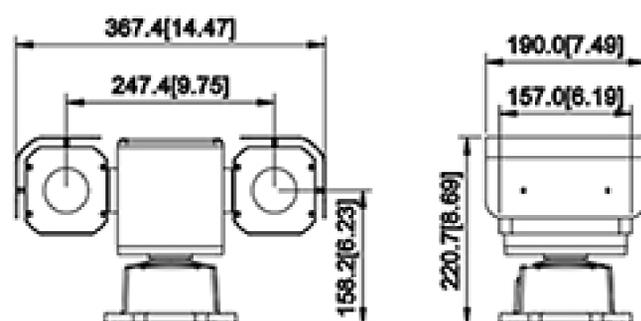| Technical parameters		
Camera parameters	Information system	PAL/NTSC
	Resolution	2.0MP 1920 (H) X 1080 (V)
	Lowest illumination	0.003Lux
	D/N model	Color/B/W/Auto
	IRCUT	Support
	BLC	ON/OFF
	WB	Auto
	Exposure mode	Auto
	WDR	DWDR
	Optical zoom	20X f=5.5mm ~ 110mm F1.6 ~ Close
Function	Manual speed	Pan: 0-150°/S; Tilt: 0-90°/S
	Preset Max.Speed	Pan: 150°/S; Tilt 90°/S
	Pan angle	360° endless
	Tilt angle	-15°~ 90
	Preset	255 pcs
IO	RS485 control interface	Support PELCO D
	BNC interface	AHD analog HD
General specifications	Temperature	-35~ +65℃
	Humidity	0~90%(RH)
	IP grade	IP66
	Weight	3KG
	Size	129.2×225mm
	Power	Wide power input DC9V-DC36V ,25W

MG-TK08L-NH
Low-power intelligent PTZ camera

Products Features

- High temperature 70°C,Low temperature -40°C
- Aluminum alloy structure design, waterproof grade IP67

Technical parameters			
Camera parameters	Sensor	1/3" CMOS	1/3" Panasonic CMOS
	Pixel	2.0MP	2.0MP
	Resolution	1920(H)×1080(V)	1920(H)×1080(V)
	Zoom	20X Optical , 16X Digital	33X Optical , 16X Digital
	Illumination	0.01Lux @(F1.5,AGC ON) color 0.005Lux @(F1.5,AGC ON)B/W	0.01Lux @(F1.2,AGC ON) color 0.005Lux @(F1.2,AGC ON)B/W
	Focus	5.4- 108mm	4.6-152mm
PTZ	Manual Speed	Pan 0-20°/S; Tilt 0-15°/S	
	Pan & Tilt angle	Pan: 360° endless; Tilt: -90°~ 90°	
	Preset	255pcs	
	Tour	8 groups	
	IR	50m	
Network	Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP,RTSP,PPPoE,SMTP, NTP,UPnP,SNMP,FTP,802.1x,QoS,HTTPS,(IPv6 optional)	
	Join in Protocol	ONVIF2.4, G&/T28181(Optinal)	
	Video compress	H.264/H.265	
	Three streams	1080P/720P+D1/QCF/CIF	
	Audio compress	G.711, AAC	
	Data storage	Auto/Manual record, Support TF card	
Interface	RS485	Support PELCO-P & PELCO-D(addtional) Protocol	
	Network	10/100M Network adaptation, RJ45	
General specifications	Temperature	-40~70℃	
	Humidity	0~90%(RH)	
	IP Grade	IP67	
	Weight	4.5KG	
	Size	Φ260.8×201.96mm	
	Power	DC9V—DC18V	

MG-HP2-R-NH
HD-IP IR Binocular PTZ Camera

367.4[14.47]
247.4[9.75]
190.0[7.49]
157.0[6.19]
158.2[6.23]
220.7[8.69]

Products Features

- Aluminum alloy structure design
- Auto defog, IR distance 80M
- High temperature 70℃, low temperature -40℃

Technical parameters				
Camera module	Sensor	1/3" CMOS	1/2.8" CMOS	1/1.8" CMOS
	Zoom	2.0MP, 20X optical zoom	2.0MP, 33X optical zoom	4.0MP, 40X optical zoom
	LUX	Color:0.01Lux, B/W:0.005Lux	Color:0.01Lux, B/W:0.005Lux	Color:0.0005 Lux, B/W:0.0001Lux
	Focal	F5.4-108mm	F4.6-152mm	F6.4-256mm
PTZ	Manual Speed	Pan 0-160°/S; Tilt 0-90°/S		
	Pan & Tilt angle	360°endless & -90°~ 90°		
	Preset & Cruise	255pcs or 1000 pcs for optional, 8 Groups		
	Home	Preset\Cruise		
	Telephoto speed limit	Support		
	Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS, (IPv6 Optional)	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP, RTSP,RTCP,PPPo E,NTP,UPnP,IGMP,QoSR,TMP/IPv6	
Network	Protocol	ONVIF2.4, G8/T28181 (Optional)		
	Video	H.264/H.265		
	Three stream	1080P/720P+D1/QCF/CIF	2560×1440 / 1080P/720P+D1/QCF/CIF	
	Storage	Auto / Manual / Record, support TF card		
Port	RS485	Support PELCO-P & PELCO-D(Can add) protocol		
	Network	10/100M Network adaptive, RJ45		
General specifications	Temp & Humidity	-40℃ ~ 70℃, 0 ~ 90%(RH)		
	IP Grade	IP67		
	Size & Weight	Φ370×221mm, 5.5KG		
	Power	Wide voltage DC9V-DC36V, or AC24V, <30W		

MG-TC26-NH
## Network HD Intelligent High Speed PTZ camera

380
214
240
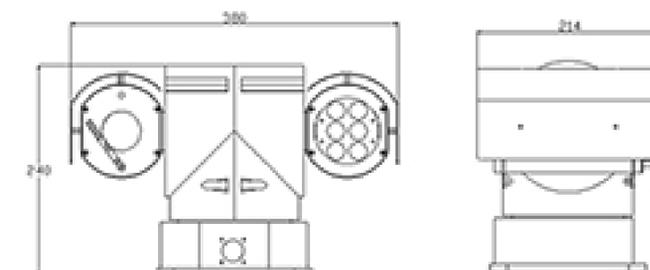
Products Features

- Aluminum alloy structure design
- Choose good quality IR LED, IR LED distance up to 100M
- Isolated power supply design, high stability, Vehicle power supply voltage input range：DC9V~DC36V

Technical parameters			
Camera parameters	Image sensor	1/3" Sony CMOS	1/2.8" Panasonic CMOS
	Zoom	2.0MP 20X optical zoom ;	2.0MP 33X optical zoom ;
	Illumination	0.01Lux Color， 0.005Lux B/W	0.01Lux Color， 0.005Lux B/W
	Focus	S.4-108mm	4.6-152mm
PTZ function	Manual Speed	Pan 0-160°/S; Tilt 0-80°/S	
	Pan & Tilt Angle	Pan: 360° endless; Tilt :-90°~ 90°	
	Preset	255pcs	
	Cruise	8 groups cruise	
Network	Dual-stream	1080P/720P+D1/CIF	
	Video compress	H.265/H.264	
	Resolution	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080) 50HZ:25fps(1280x720) 60HZ:30fps(1280x720)	
	Network protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS, (IPv6 optional)	
	Join in protocol	ONVIF2.4, GB/T28181(optional)	
	Smart function	Motion detection, video occlusion, downtime, hard disk error, IP collision, disk full	
	Storage	Support MicroSD Storage 128G (Suggest uset class10)	
	Audio compression standard	G.711a	
Interface	RS485	Support PECO-P & PELCO-D (additional) protocol	
	Network	10/100M Network adaptation, RJ45	
General specifications	Temperature	-35~55℃	
	Humidity	0 ~ 90%(RH)	
	IP Grade	IP66	
	Weight	<8KG	
	Size	Φ380×300mm	
	Power	Wide power input DC9V-DC36V (AC24V optional)	
	Consumption	<50W	

MG-TC26-R-SDI-NH
HD SDI+IP IR High Speed PTZ
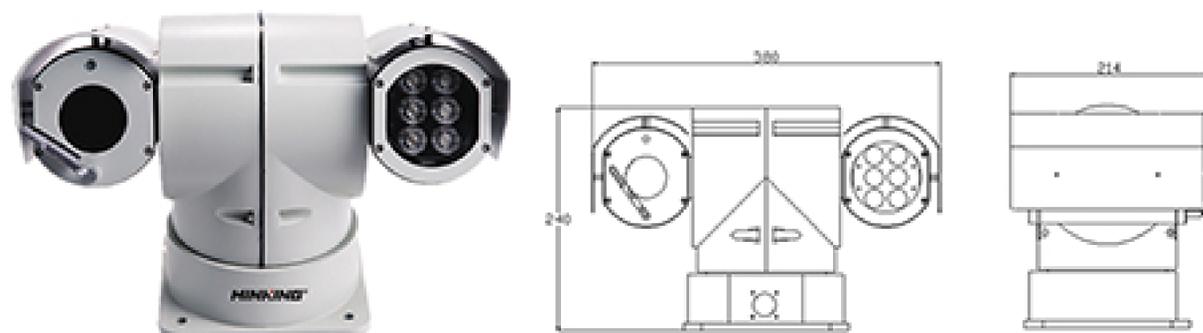
Products Features

- Aluminum alloy structure design,
- IR distance:up to 100m

Technical parameters		
Camera module	Image sensor	1/2.8type EXmor CMOS
	Effective Pixels	2.0MP 30x Optical zoom
	Lowest illumination	0.43 lx (50IRE，F1.6); 0.1 lx (50IRE，F1.6)
	Focal length	f = 4.3mm ～ 129mm
Function	Manual control speed	Pan 0~160°/S; Tilt 0~90°/S
	Pan & Tilt angle	Pan: 360° endless , Tilt: -90°~ 90°
	Presets	255pcs
	Scanning	8pcs, scanning speed 8 grade for adjust
	Cruise	8pcs
Intelligent analysis	Perimeter Precaution	Intrusion detection,Loitering Detection,Retrograde motion detection, Tripwire,Lost and Found,remove
	Intelligent function	Intelligent track,Intelligent DIS,Face detection
Input/Output	RS485 control	Support PELCO-P & PELCO-D
	BNC interface	HD-SDI interface
	Network	10/100M network adaptive,RJ45 adapter
General specifications	Temperature	-35~ 55°C
	Humidity	0 ~ 90%(RH)
	IP grade	IP66
	Weight	7.5KG
	Power	AC24V±10%/ DC12V for option 60W

MG-TC26A-NH
## IP HD Intelligent PTZ Camera
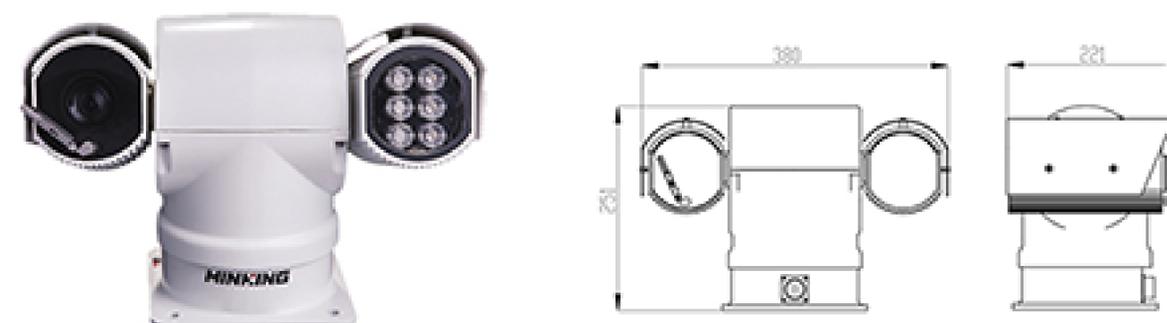
Products Features

- Choose High quality IR LED, IR distance up to 100M
- Isolated power design, with high stability, Vehicle power input range: DC9V~DC36

Technical parameters			
Camera module	Image sensor	1/3" Sony CMOS	1/2.8" Panasonic CMOS
	Pixel	2.0MP 1920(H)×1080(V)	2.0MP 1920(H)×1080(V)
	Zoom	20X optical zoom ;16X digital zoom	33X optical zoom ;16X digital zoom
	Illumination	0.01Lux color，0.005Lux B/W	0.01Lux Color ，0.005Lux B/W
	Focus	5.4-108mm	4.6-152mm
PTZ function	Manual Speed	Pan 0-160°/S, Tilt 0-80°/S	
	Pan &Tilt angle	Pan: 360°endless; Tilt :-90°~ 90°	
	Preset	255pcs	
	Tour	8 groups	
Network function	Dual-Stream	1080P/720P+D1/CIF	
	Video compression	H.265/H.264	
	Resolution	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080) 50HZ:25fps(1280x720) 60HZ:30fps(1280x720)	
	Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS, (IPv6 optional)	
	Jon in Protocol	ONVIF2.4, GB/T28181 (Optional)	
	Smart	Motion Detection, Video mask, Network outage, Hard disk error, IP conflick, Didsk full	
	Storage	Support MicroSD, Storage 128G (Suggest use class10)	
	Audio compresstion station	G.711a	
Interface	RS485	Support PELCO-P & PELCO-D(Adjustable) protocol	
	Network	10/100M network adaptation, RJ45	
General specifications	Temperature	-35~70°C	
	Humidty	0 ~ 90%(RH)	
	IP grade	IP66	
	Weight	<8KG	
	Size	Φ380×300mm	
	Powere	Wide power input DC9V-DC36V (AC24V optional)	
	Consumption	<50W	

MG-TC26A-IA-NH
## SDI+IP Smart tracking & analyze IR PTZ
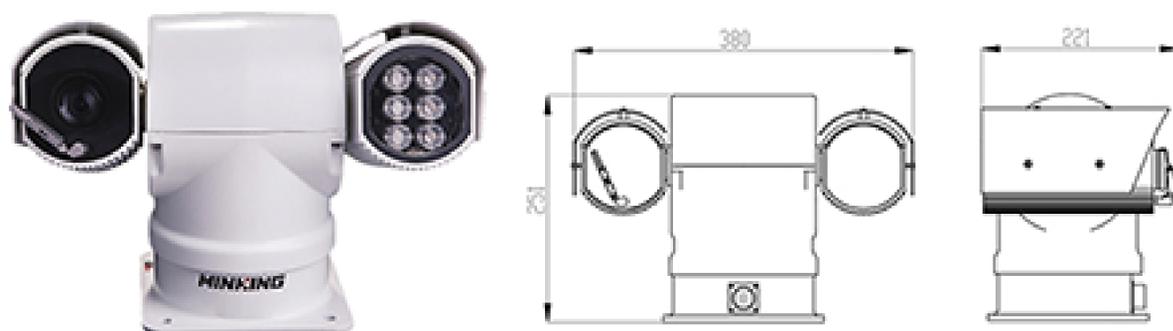
Products Features

- Aluminum alloy structure design, IP grade:IP66
- Choose good quality IR, IR distance more than 100M
- Has SDI+IP dual HD output at the same time

Technical parameters			
Camera module	Image sensor	1/2.8type EXmor CMOS	
	Effective Pixels	1920 (H) *1080 (V) ,30x Optical zoom	
	Lowest illumination	0.43 lx（50IRE，F1.6），0.1 lx（50IRE，F1.6）	
	Focal length	f= 4.3mm～129mm	
PTZ function	Manual speed	Pan: 0-160°/S ; Tilt:0-80°/S	
	Pan & Tilt range	Pan: 360° endless, Tilt:-90°~ 90°	
	Preset	255pcs	
	Scanning	8pcs, scanning speed 8 grade can adjust	
	Cruise	8pcs, each can set 255 pcs preset	
Network	Video compress	H.265/H.264	
	Video frame	50/60fps	25/30/50/60fps
	Video resolution	720P	1080P
	Network protocol	TCP,UDP,HTTP,RTP,RTCP,RTSP,FTP,NTP,ICMP,PPP	
	Main stream	1920x1080/1280X720	
	Sub stream	720x576/352x288/176x144	
	SD card	Auto/Manual record, support TF card	
Intelligent analysis	Perimeter Precaution	Intrusion detection,Loitering Detection,Retrograde motion detection，Tripwire,Lost and Found,Remove	
	Intelligent function	Intelligent track,Intelligent DIS,Face detection	
Interface	RS485 control	Support PELCO-P & PELCO-D(can add)protocl	
	Network	10/100M network adaptive,RJ45 adapter	
General specifications	Temperatures	-35 - 70℃	
	Humidity	0～90%(RH)	
	IP grade	IP66	
	Size & Weight	Φ380×300mm, <8KG	
	Power	Wide range: DC9V-DC36V (AC24V for optional), <50W	

# MG-TK36-NH
IP Mid load PTZ Camera
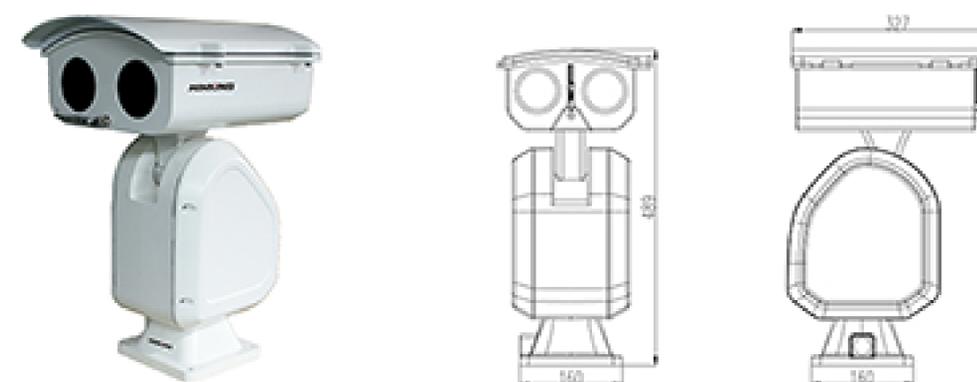
Products Features

- Aluminum alloy structure design
- Optional configuration supports three prevention, which can be used in harsh environments such as sea

Technical parameters				
Camera Module	Sensor	1/3" CMOS	1/2.8" CMOS	1/1.8" CMOS
	Pixel	2.0MP		4.0MP
	Zoom	20X optical zoom	33X optical zoom	40X optical zoom
	LUX	Color:0.01Lux B/W:0.005Lux	Color:0.001Lux B/W:0.0001Lux	Color:0.0005 Lux B/W:0.0001Lux
	Focal	F5.4-108mm	F4.6-152mm	F6.4-256mm
PTZ function	Pan Speed	0.1°~150°/s （Belt）；0.1°~30°/s （Turbine Gear）		
	Tilt Speed	0.1°~60°/s （Belt）；0.1°~15°/s （Turbine Gear）		
	Pan & Tilt Angle	Pan: 360° endless , Tilt: -90°~ 40°		
	Preset number	255pcs		
	Line scanning	8pcs, scanning speed 8 grade can adjust		
	Tour scanning	8pcs, each tour scanning can set 255pcs presets		
Network	Network protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,QoSRTMP,IPV6,MTU		
	SD card	Auto/Manual record, Support TF card		
Interface	RS485 control interface	Support PELCO-P & PELCO-D protocol		
	Network	10/100M network Network adaptation,RJ45 Adapter		
General specifications	Temperature	-40℃ - 70℃		
	Humidity	0～90%(RH)		
	IP Grade & Weight	IP66,17KG		
	Power	AC24V or DC24V, 90W （IR, Heater ON）		

MG-TK08-UP
## Light load Pan Tilt Camera
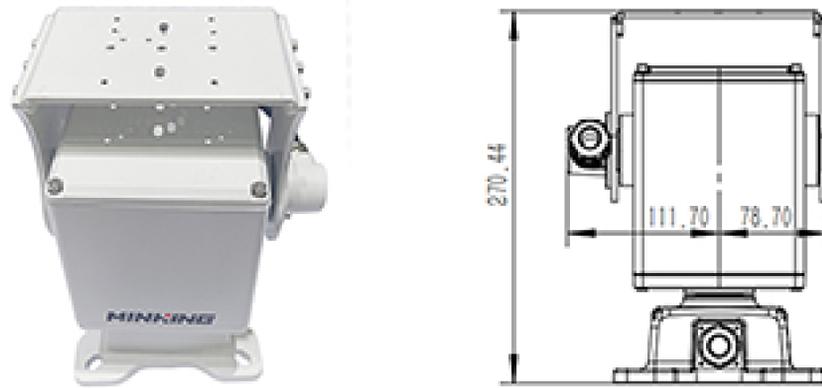
Products Features

- Aluminum alloy shell
- It can be controlled by network or RS485
- Support -35°C cold start, can be used in cold areas
- Operating voltage range: DC9～18V
- Max.Load 5kg
- The PT head has stable performance and wear resistance, and can work continuously for a long time

Technical parameters		
PTZ function	Manual Speed	Pan 0-18°/S; Tilt 0-10°/S
	Pan & Tilt Angle	Pan: 360° rotation, Tilt: -60°～60°
	Preset	255pcs
	Cruise	2 group Cruise
Interface	RS485 control port	Protocol: PELCO-D, barud rate :2400
	Network port	10/100M Network adaptation,RJ45 adapter
General specifications	Temperature	-35～70°C
	Humidity	0～90%(RH)
	Level of protection	IP67
	Weight	<4KG
	Size	Φ154×270mm
	Power	Wide power input DC 9V-18V
	Consumption	<15W
	EMC	Static electricity, surge, pulse group, power frequency magnetic field

MG-TK80
Long distance no red exposure heavy-duty pan tilt camera
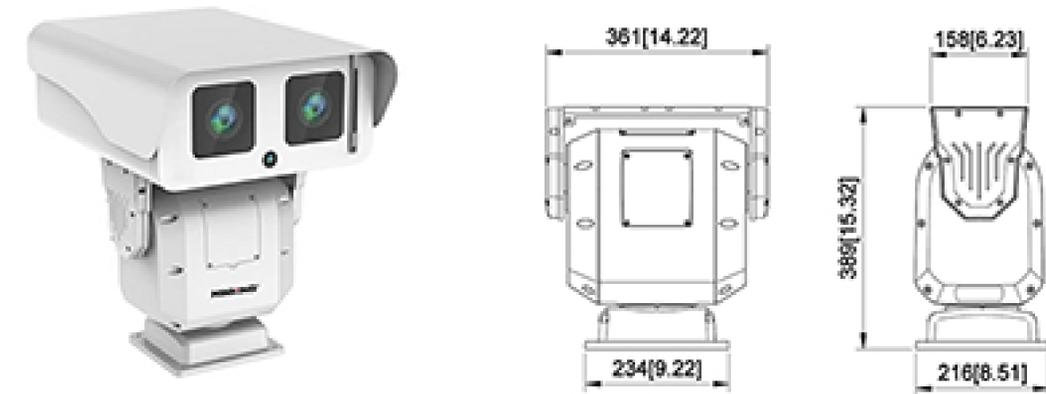
Products Features

- Max.Load 50KG, IP66
- Equipped with pan tilt angle feedback function, focal length value can be returned according to commands, and has online upgrade function
- High torque backlash free transmission, high precision, strong wind resistance

Technical parameters		
Port	RS485 control interface	Support PELCO-P and PELCO-D protocol
	Optical interface	Support
	Network interface / Ethernet	10/100M network adaptive, RJ45 adapter
	Alarm input/output	One alarm input, one alarm output
General specifications	Protection grade	PTZ: IP66
	Mechanical properties / Angle range	Pan: 360° endless rotation; Tilt: -70°～+20°
	Mechanical properties / Speed range	Pan: 0～30°/S; Tilt: 0～15°/S
	Mechanical properties / Presets	255pcs
	Magnetic Encoder	Support, PTZ has high positioning accuracy, with a preset accuracy of ±0.02°
	Beidou positioning	For optional
	Laser	For optional, 1.5km, 940nm no red exposure, remote adjustable optical axis
	Wiper	Support
	Load	50KG
	Weight	22KG
	Work temperature	-35°C～+55°C
	Work humidity	10%～90%
	Power	DC48V
	Consumption	200W

Speed Dome

MG-SIR256-D5-4G

MG-IP200PF-S-T-4G

MG-SIR5501-I400

MG-SIR751-2-M-I400
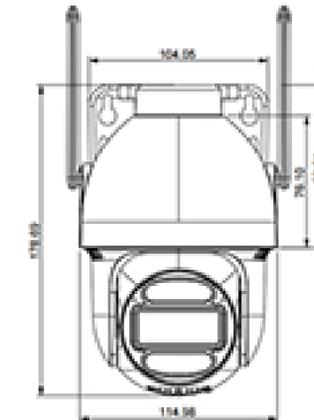

MG-SIR752-2-I400

MG-SIR753-I400

MG-SIR256-D5-4G

## 2.5-inch 4G dual light intelligent dome camera

Products Features

● Support ONVIF;

● Support voice intercom and humanoid tracking;

Technical parameters		
	Sensor	3MP H.265+, 1/2.7 CMOS Sensor 2.8MM
	Lens	2.8mm/4mm/6mm/8mm optional
	Capture function	Support
	LTE-FDD	B1/B3/B5/B8
	LTE-TDD	B34/B38/B39/B40/B41
	Voice intercom	Support
	Video recording	Support
Camera	Video recording preservation	TFcard /PC/NVR
	Alarm	Support
	Crying detection	AI crying detection significantly reduces false alarms
	Red and blue lights	When an alarm is supported, the red and blue lights will flash to trigger the alarm
	RJ45	HTTP,TCP/IP,IPV4,UPNP,RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter,IP Search (Support P6S IP camera, DVR, NVS and etc.)
	Agreement	P6S， ONVIF
	TFCard	Max. Support 256GB (TF card is for optional)
Mechanical parameters	Pan & Tilt range	Pan: 0~270°, Tilt: 0~90°
	Pan & Tilt speed	Pan: 0°~18°/S, Tilt: 0°~18°/S
	Preset position	255pcs
General specifications	Protection grade	IP66
	Ambient temperature	-25℃~50℃
	Supply Voltage	DC12V±10%, ≤12W
	External dimensions &Weight	Φ114.98*178.69mm, 474g

MG-IP200PF-S-T-4G
2.8inch AOV Camera （4G）
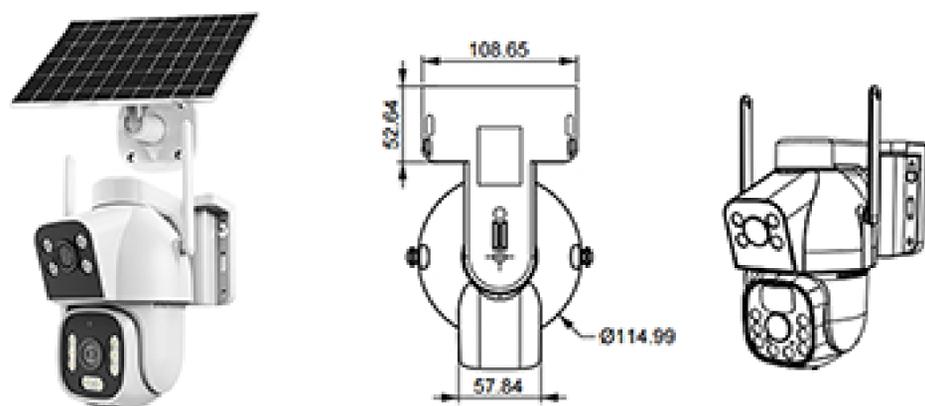
- IP66, Adopting 0.5T computing power high-performance AI main control, dual 1920 * 1080 (2MP) HD images, H.265+encoding, clear and delicate D/N images;
- Support humanoid tracking, monitoring position, and automatic calibration functions;

Technical parameters		
Camera	Sensor	2MP,H.265+,Dual 1/3.2″ CMOS Sensor
	Min. illumination	Day 1Lux, Night 0.01Lux
	Capture function	Support
4G	LTE-FDD	B1/B3/B5/B8
	LTE-TDD	B34/B38/B39/B40/B41
Video	Video recording method	AOV Video recording, humanoid video recording
	Alarm and Voice intercom	Support
Others	APP	P6SLite
	TF Car capacity	Max. Can install 256GB(general FAT32 format)
PTZ	Preset&Homing&Tracking	Support 6 preset position settings, Support, Support
	Rotation range	Pan 0~355 degree；Tilt 0~90 degree
	Pan & Tilt speed	Pan:0°~18°/S, Tilt: 0°~18°/S
General specifications	Consumption	≤6W
	Ambient temperature	-25℃～50℃
Power supply	Solar panels	8W solar panel （Size 237*172*8mm）
	Battery	3.7V/12000mAh rechargeable lithium battery pack

MG-SIR5501-I400
5inch 4.0MP IR IP Speed Dome Camera
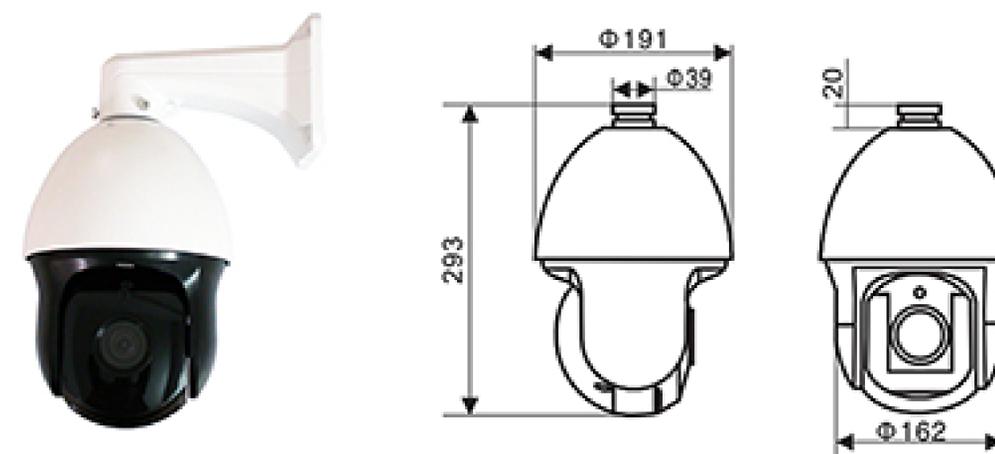
- IP66 protection level, built-in 4000V lightning protection and surge protection;

Technical parameters		
Mechanical parameters	Preset & Cruise	128pcs ,2pcs
	Pan & Tilt Speed	Pan: 0°~40°/S, Tilt: 0°~40°/S
	Pan & Tilt range	Pan: 360° endless, Tilt: 0°~90°
Camera parameters	Sensor	4.0MP, H.264；H.265；H.265+，1/3″ CMOS，20X optical zoom
	Min. Illumination	Color: 0.01Lux@F1.2 B/W: 0.001Lux@F1.2
	Focal length	5.35mm~96.3mm
	Ethernet	RJ-45 10M/100M
	Access Protocol	Support ONVIF protocol/Proprietary protocol/CGI
	Support agreement	HTTP, TCP/IP, IPv4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IPFilter, PPPOE, DDNS, FTP, IP Search(Support P6S IP camera,DVR, NVS and etc.)
General specifications	IP grade	IP66
	IR distance	8 dot matrix lights with IR distance ≤ 100 meters
	Power	DC12V±10%/POE，≤36W
	Temperature	-35℃~+50℃
	Size & Weight	Φ191*293mm，2.2Kg