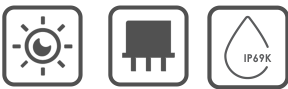




Network Camera

IP946C24

Specification (Version 1.0)

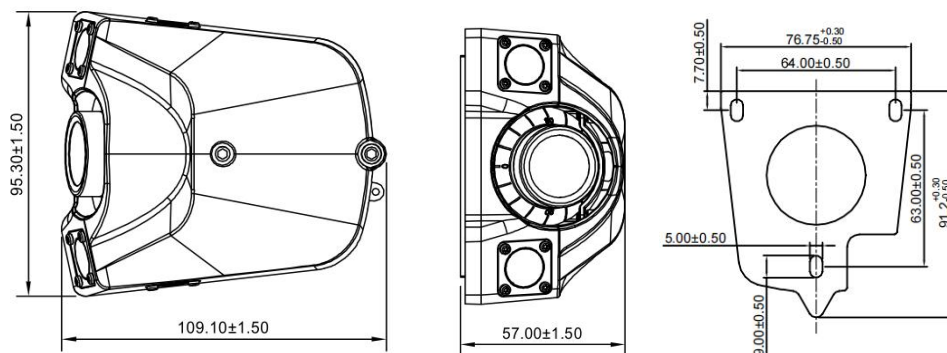


- 1/2.8" 2.13M pixel CMOS
- Infrared range up to 15-20M
- IP69K-rated for dust and water protection
- Supports exterior and upright installation
- Built-in supercapacitor for power failure protection
- Supports HTML5 and is compatible with Edge and Google Chrome browsers

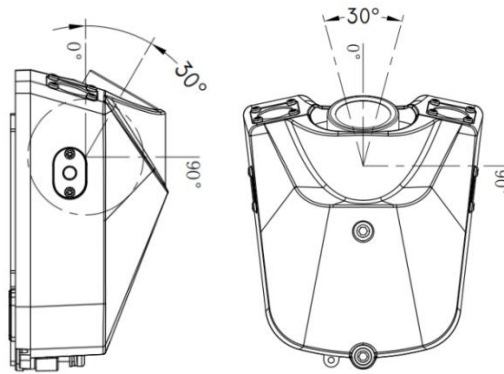
Specifications	
Name	Parameter
Product Model	IP946C24
Resolution Ratio	1920H*1080V
Sensor Type	1/2.8" 2.13M pixel CMOS
Minimum Illumination	0lux (IR on)/0.05lux (colour)
Lens/FOV	Support: 2.8mm, 4mm, 6mm, 8mm 2.8mm=H*V 98°*54° 4mm= H*V89° 46° 6mm= H*V 54° 29° 8mm= H*V 41° 23°
Infrared Detection Range	Up to 15-20M
Shutter Speed	1/30s to 1/50,000s (automatic shutter)
Video Resolution / Frame Rate	Main stream: 1080P/720P @30FPS
	Default 1080P @30FPS
	Subcode stream: VGA/D1/CIF @30FPS
	default VGA @10FPS
Video Bit Rate	Network streaming code: VGA/D1/CIF@30FPS
	default VGA @10FPS
Video Bit Rate	Main stream: 1024Kbps-8192Kbps
	Sub stream: 640Kbps-2048Mbps
Audio Compression	No audio output
Network Port	10M/100M adaptive Ethernet port
Network Protocol	TCP/IP、HTTP、DHCP、NTP、FTP、ONVIF
Coding Mode	Supports CBR/VBR with default VBR
Signal-to-Noise Ratio	≥ 50dB
Day and Night Mode	ICR auto switch

Scanning System	Progressive scan
Synchronous System	Inter-sync
White Balance	Supported
Automatic Gain	Supported
3D Noise Reduction	Supported
Backlight Compensation	Supported
Power Source	PON (DC9-16V) /POE(DC37-58V)
Power Consumption	PON<2W (IR off) <5W (IR on) POE<3.5W (IR off) <6.5W (IR on)
Operating Temperature	-40°C~ 70°C(-40°F ~ +158°F)
Operating Humidity	≤90% (no condensation)
Protection Rating	IP69K
Product Dimension	L109.1mm × W95.3mm × H57mm (L4.29" × W3.75" × H2.24")
Package Dimension	L144W × 133 × H127mm (L5.67" × W5.24" × H5.00")
Net Weight	512g(1.13lb)
Gross Weight	643g(1.42lb)

Dimension Diagram



Product size diagram

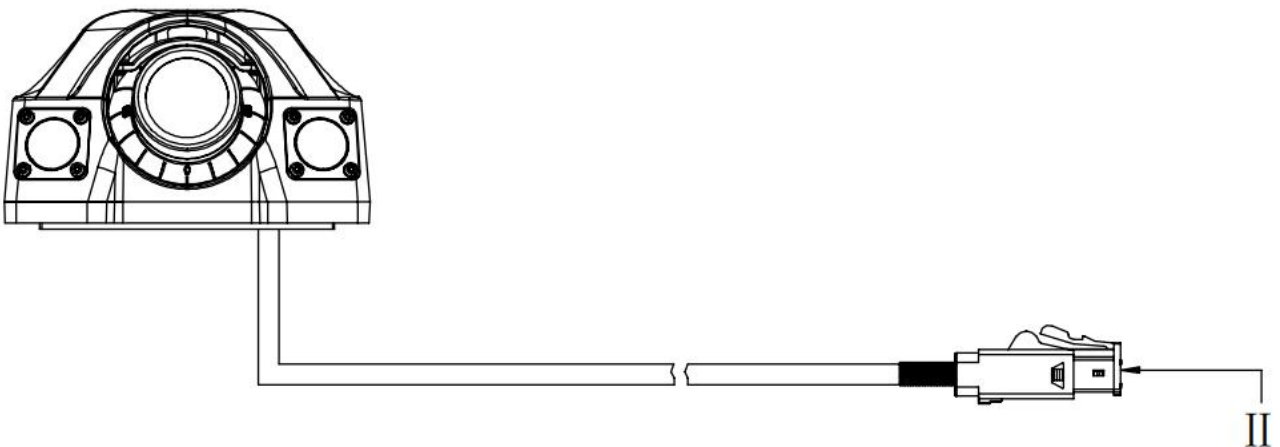


Adjustable Angle diagram -- vertical 30° horizontal $\pm 15^\circ$

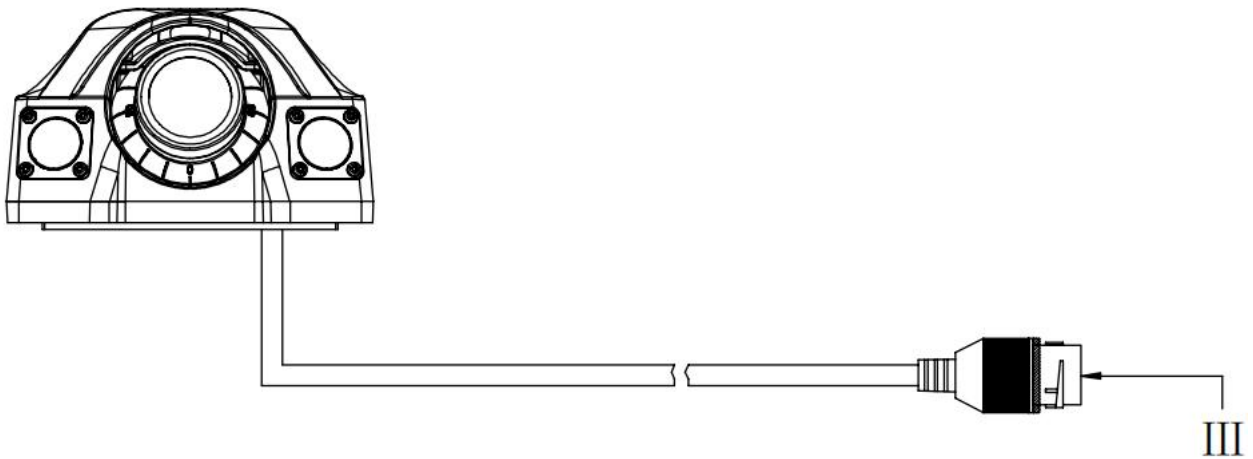
Cable Details



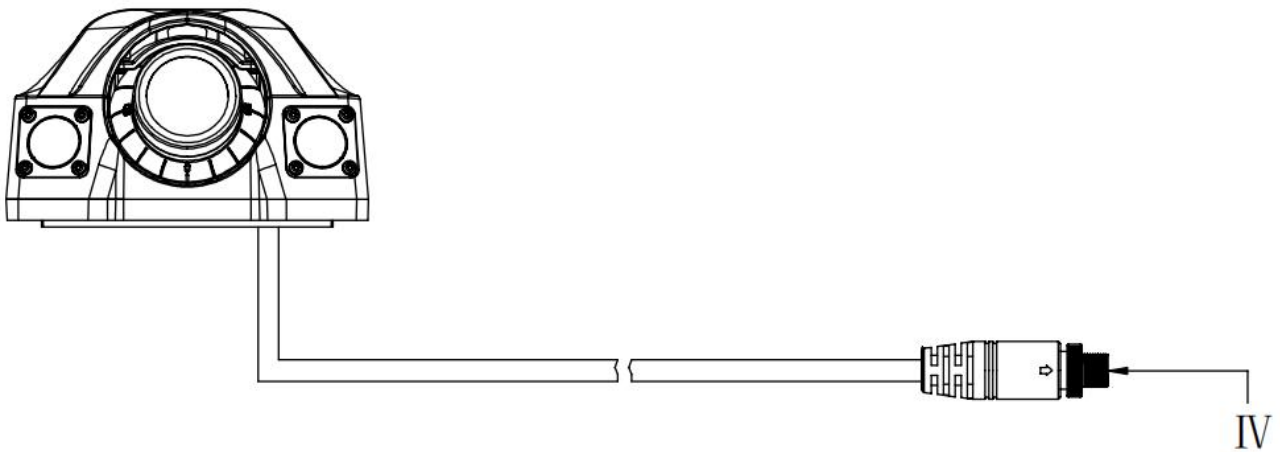
PON standard 6-core aviation head -- Default 0.5 m (tail line length)



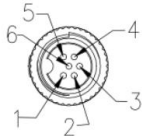
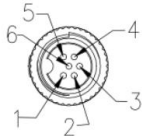
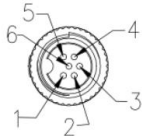
PON in-car video connector -- Default 0.5 m (tail wire length)

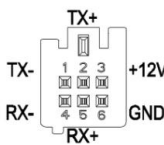
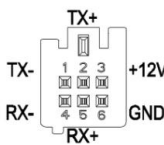
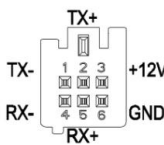
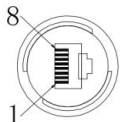
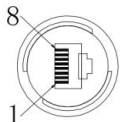
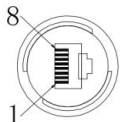
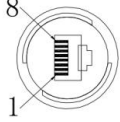
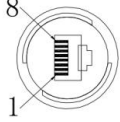
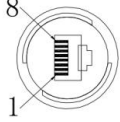
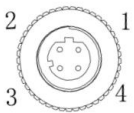
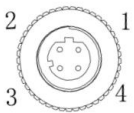
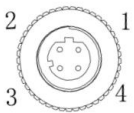


PON/POE standard RJ45 connector -- Default 0.5 m (tail wire length)



POE standard M12 4-pin connector -- Default 0.5 m (tail wire length)

order	name	description																		
I	PON 6-pin aviation head output interface	<table><tr><th>Line order</th><th>No.</th><th>Name</th></tr><tr><td rowspan="6"></td><td>1</td><td>TX -</td></tr><tr><td>2</td><td>TX +</td></tr><tr><td>3</td><td>12V</td></tr><tr><td>4</td><td>RX -</td></tr><tr><td>5</td><td>RX +</td></tr><tr><td>6</td><td>GND</td></tr></table>			Line order	No.	Name		1	TX -	2	TX +	3	12V	4	RX -	5	RX +	6	GND
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IV	POE M12 output interface	<table><tr><th>Line order</th><th>No.</th><th>Name</th></tr><tr><td rowspan="4"></td><td>1</td><td>TX +</td></tr><tr><td>2</td><td>TX -</td></tr><tr><td>3</td><td>RX +</td></tr><tr><td>4</td><td>RX -</td></tr></table>	Line order	No.	Name		1	TX +	2	TX -	3	RX +	4	RX -				
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