



Network Camera

IP946C25

Specification (V1.0)



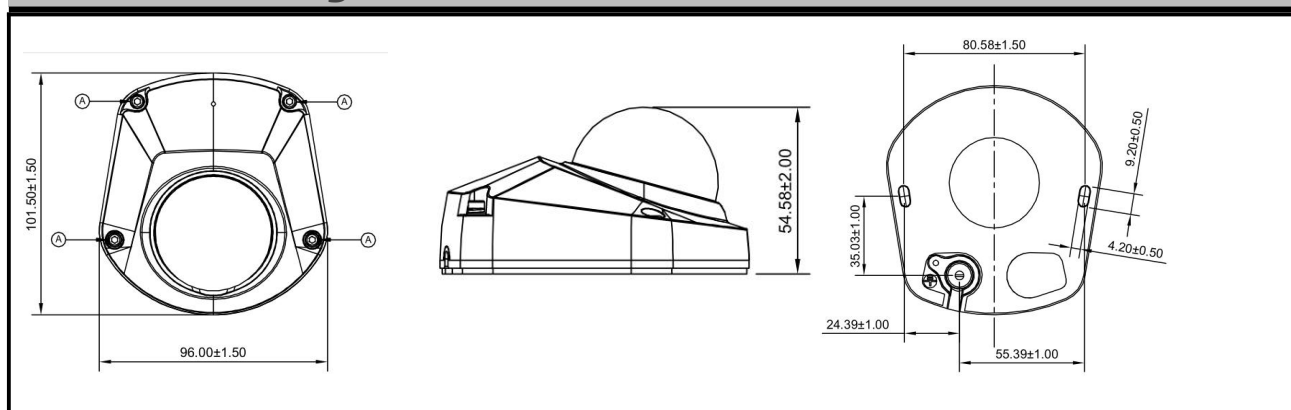
- 1/2.8" 2.13M pixel CMOS
- Built-in microphone with 5-meter pickup range
- Infrared range up to 8-10M
- IP65-rated for dust and water protection
- Vandal-proof housing with IK10 rating
- Supports vehicle hoisting; dome design for easy installation and angle adjustment
- Built-in supercapacitor for power failure protection
- Supports HTML5 and is compatible with Edge and Google Chrome browsers

Specifications

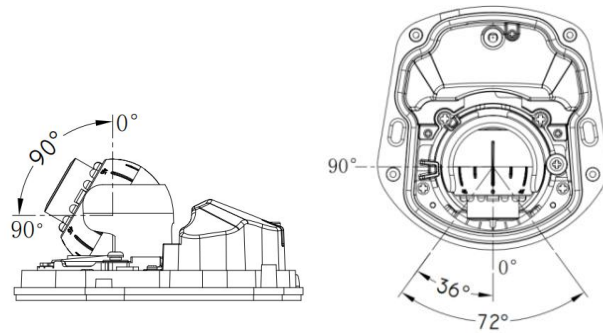
Name	Parameter
Product Model	IP946C25
Resolution Ratio	1920H*1080V
Sensor Type	1/2.8" 2.13M pixel CMOS
Minimum Illumination	0lux (IR on)/0.05lux (colour)
Lens/FOV	Support: 2.8mm, 4mm, 6mm, 8mm 2.8mm=H*V 98°*54° 4mm= H*V89° 46° 6mm= H*V 54° 29° 8mm= H*V 41° 23°
Infrared Detection Range	Infrared light can reach up to 8-10M
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
	Network streaming code: VGA/D1/CIF@30FPS default VGA @10FPS
Video Bit Rate	Main stream: 1024Kbps-15360Kbps Sub stream: 640Kbps-2048Mbps
Audio Compression	G.711A, G.711U, ADPCM Default G711A
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 S/N	≥ 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) <3.5W (IR on) POE<3W (IR off) <4.5W (IR on)
Operating Temperature	-40°C~ 70°C(-40°F ~ +158°F)
Operating Humidity	Less than 90% (no condensation)
Protection Rating	IP65
Vandal Resistance Rating	IK10
Product Dimension	L101.5mm × W96mm × H54.5 mm (L3.99" × W3.78" × H2.15")
Package Dimension	L40mm × W172mm × H87 mm (L5.51" × W6.77" × H3.43")
Net Weight	325g(0.72lb)
Gross Weight	450g(0.99lb)

Dimension Diagram

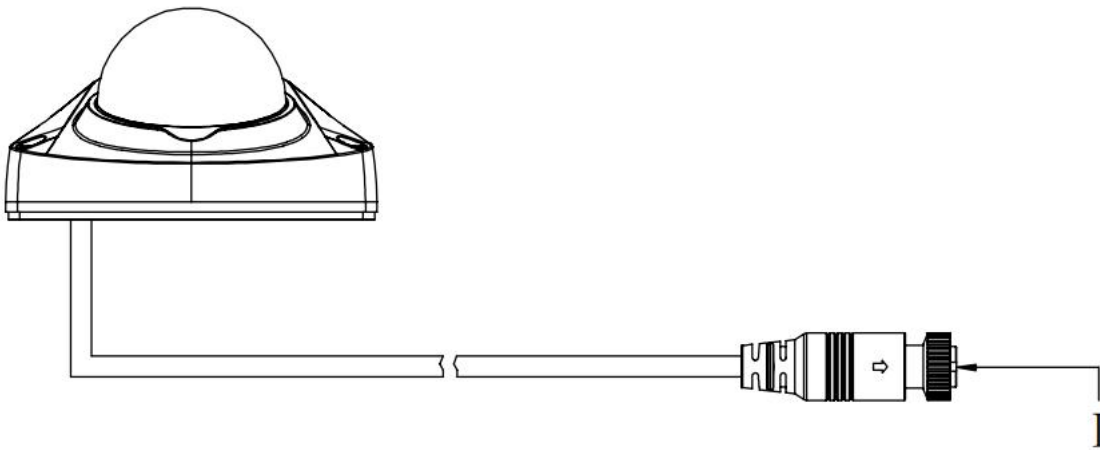


Product size diagram

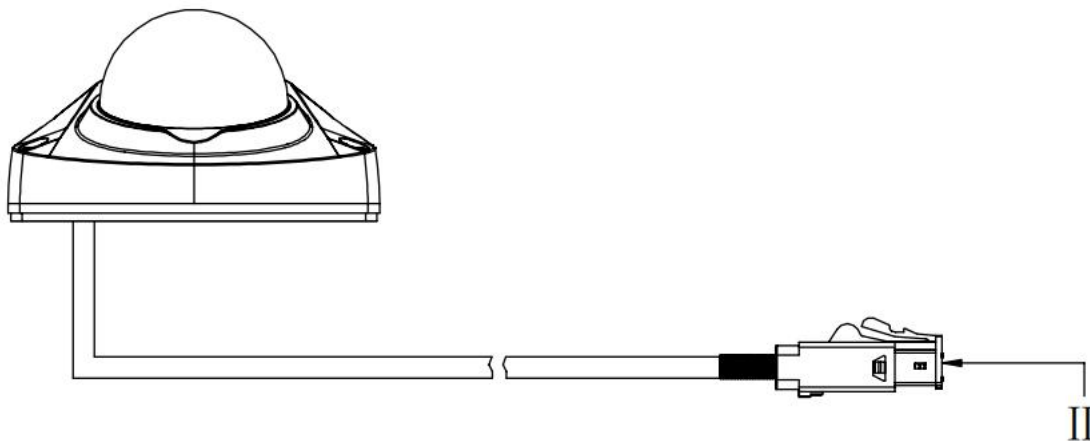


Adjustable Angle diagram -- vertical 90° horizontal $\pm 36^\circ$

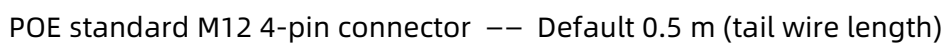
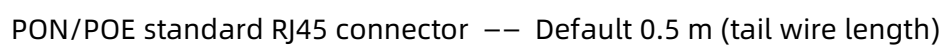
Cable Details



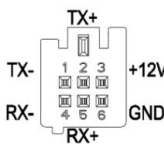
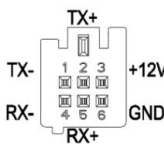
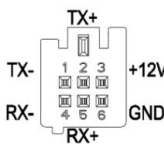
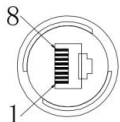
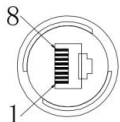
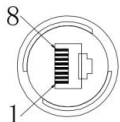
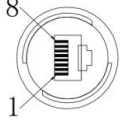
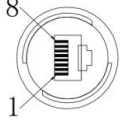
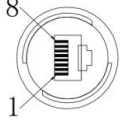
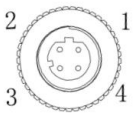
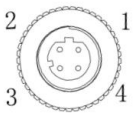
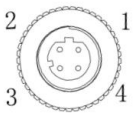
PON standard 6-core aviation head -- Default 0.5 m (tail line length)



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



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