

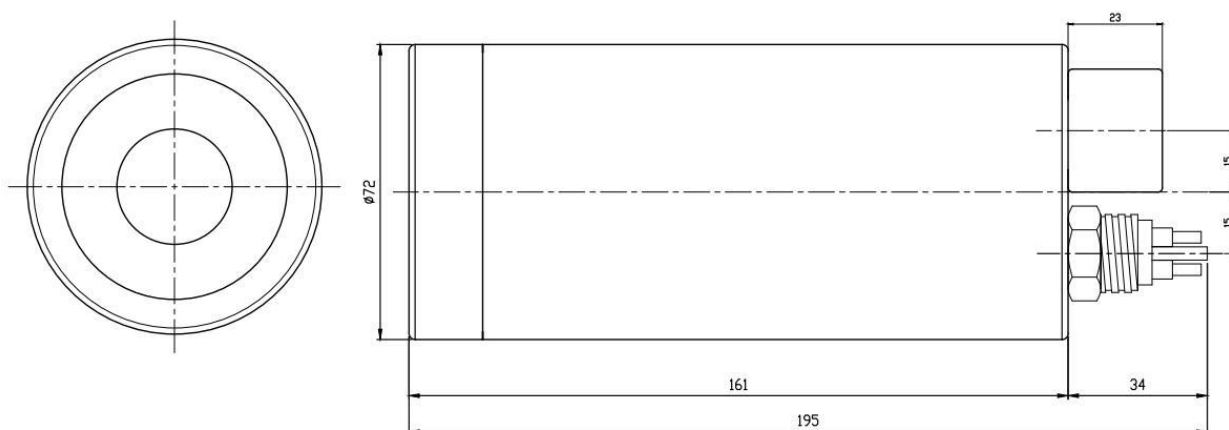


Ultra High Definition 12 Megapixel Underwater 4K IP Camera With ONVIF Plus Depth and Temperature Sensor



Product Feature

- Ultra High Definition 12 Megapixel
- Shell Compressive Standard Depth 300m
- IP camera, ONVIF Compliant
- Depth and Temperature Sensor
- Power and Data Transfer by 2 Wires Up to 600m
- 1 Year Warranty



Specifications Camera

Housing	(Stainless /Aluminum /Titanium)
Image sensor	1/1.7" Progressive Scan CMOS
Chip	Hass Chip Hi3519V101
Electronic shutter	1/25s~1/10000s
Minimum illumination	0.0001Lux @ F1.2
SIGNAL-NOISE RATIO	≥50dB (AGC OFF)
Day-night conversion mode	Photosensitive Detection / Video Detection / Time Detection
Wide dynamic range	≥80dB
Noise reduction	3D Digital Noise Reduction
Video compression standard	H.265+/H.265/H.264/MJPEG
H.265 encoding type	Main Profile
Video bit rate	32 Kbps~16Mbps
Audio Ccompression format	G.711a/ G.711u/ G.726
Image settings	Adjustable brightness, contrast, saturation, sharpness, white balance; AWB (auto white balance), AGC (automatic gain), AE (automatic exposure control), AIC (auto iris correction); Support for privacy zone occlusion; OSD Stacked Plus; Image Rotation: normal 90°/270° automatic, manual or automatic color to black and other switching methods
Maximum image size	4000×3000
Video resolution	Main Stream 4000×3000/ 4096×2160 4K/ 3840×2160 4K/ 2592×1944 Secondary Stream 720P(1280×720)/ D1(704×576)/ VGA(640×480)
Video frame rate	50Hz: 15fps (4000×3000, 4096×2160), 25fps (3840×2160, 1920×1080, 1280×720) 60Hz: 15fps (4000×3000, 4096×2160), 30fps (3840×2160, 1920×1080, 1280×720)
Character overlay	Support



Specifications Depth & Temp sensor

Model NO.	Depth and Temperature Sensor
Measuring medium	Liquid or Gas (compatible with contact material)
Overall material	Diaphragm---316L Stainless Steel (contact with the medium)
Pressure Range	0~6Mpa
Pressure Method	Gauge Pressure, Absolute Pressure, Negative Pressure
Output Signal	RS485 (standard Modbus-RTU protocol)
Supply Voltage	12~36VDC
Working conditions	medium temperature -20~85°C
Ambient temperature:	-20~85°C
Ambient humidity:	0%~95%RH (no condensation, no condensation)
Temperature compensation:	-10~70°C
Accuracy Level	0.5% FS (range ≥ 10 KPa)
Anti-seismic Performance	10g (20...2000HZ)
Overload Capacity	200%
Response Frequency	Analog Signal Output ≤ 500 HZ Digital Signal Output ≤ 5 HZ
Stability Performance	$\pm 0.1\%$ FS/year
Temperature Drift	$\pm 0.01\%$ FS/
Maximum Power	≤ 0.02 Us (W)



PLC Network Receive



Specifications PLC

Item	PLC Network Receiver
Power input	AC85V-245V 50/60HZ
Power output	DC48V
Max current	1.2A
Max capacity	220W
Speed	200Mbps
Max distance	600M
Network port	1*RJ45
Standard	IEEE802.11a IEEE802.3u IEEE802.3ab
Compatibility	200Mbps 300Mbps
Cable required	>2*0.5 ²
Shell material	ABS
Operating temperature	-20°C~40°C
Operating humidity	10%~90%RH
Operating frequency	1.8-30MHZ
Dimension	125*60*40mm

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Connecting

WIRING DIAGRAM

