

IPC4TF2R4-DL2 **AI-ISP**

4MP AI-ISP Fixed Turret Network Camera

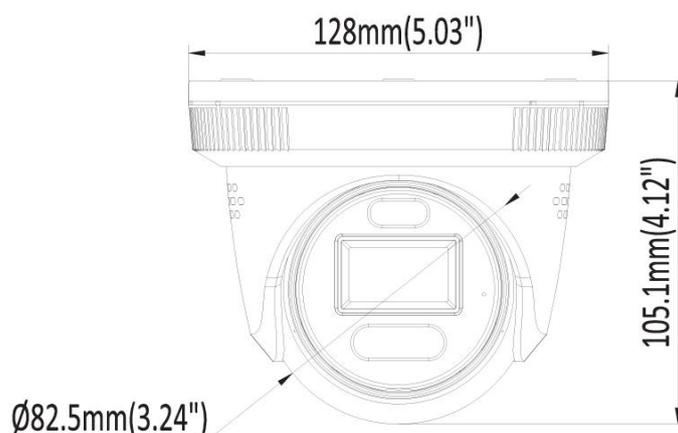
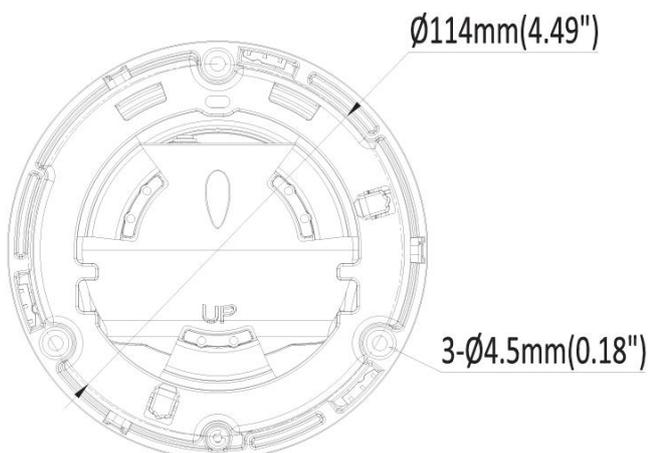
Homaxi AI-ISP technology delivers vivid, full-color images around the clock, thanks to its F1.0 advanced lenses and high-performance sensors. The F1.0 super-aperture gathers more light to generate brighter visuals, while cutting-edge sensor technology significantly enhances the use of existing light sources.



Key Features

- High quality imaging with 4MP resolution
- AI-ISP for excellent noise reduction effect
- 24/7 colorful imaging via AI-ISP technology
- High quality imaging with 4MP resolution, 1/1.8" CMOS sensor and F1.0 large aperture lens
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 120 dB WDR technology
- Focus on human and vehicle targets classification
- Water and dust resistant (IP67)
- Built-in microphone for real-time audio security

Dimensions



Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS Sensor
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON) ,0 Lux with Warm light on
Illumination Distance	30m (warm light)
Smart IR	N/A
Pan/Tilt/Rotation Range	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotation: 0° ~ 360°
Lens	
Focal Length	2.8/3.6 mm
Aperture	F1.0
FOV	2.8 mm @ F1.0 Horizontal FOV: 110°, Vertical FOV: 59°, Diagonal FOV: 130° 3.6 mm @ F1.0 Horizontal FOV: 95°, Vertical FOV: 51°, Diagonal FOV: 113°
Lens Mount	M16
DORI	
DORI	2.8 mm @ F1.0, D: 57 m, O: 23 m, R: 11 m, I: 6m 3.6 mm @ F1.0, D: 68 m, O: 27m, R: 14m, I: 7m
Compression Standard	
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG
H.264 Codec Profile	Base/Main/High profile
H.265 Codec Profile	Main Profile
Video Bit Rate	11 Kbps ~ 10Mbps
Triple Streams	Support
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps
Image	
Max. Image Resolution	4M (2688 × 1520)
Main Stream	50Hz: 20fps 4M (2688 × 1520) 25fps 4M (2560 × 1440) 25fps 1080P (1920 × 1080) 60Hz: 20fps 4M (2688 × 1520) 30fps 4M (2560 × 1440) 30fps 1080P (1920 × 1080)
Sub Stream	50Hz: 25fps 720P (1280 × 720) 25fps D1 (704 × 576) ,25fps CIF(352 × 288) 60Hz: 30fps 720P (1280 × 720) 30fps D1 (704 × 480) , 30fps CIF (352 × 240)
Third Stream	50Hz:25fps CIF (352 × 288) 60Hz: 30fps CIF (352 × 240)

Image Setting	Brightness/Contrast/Saturation/Hue/Sharpness
Shutter Time	Auto/Manual, 1/3 ~ 1/100000s
Day/Night	IR Cut Filter
Wide Dynamic Range	120dB
Digital Noise Reduction	2D/3D DNR
BLC	Support
HLC	Support
ROI	Support
Rotate	Support
Smart Feature	
Basic Event	Motion detection, video tampering
Smart Event	Smart motion detection, line crossing, intrusion, region entrance, region exiting (support alarm triggering by specified target types (human and vehicle))
Face Detection	N/A
Network	
Network Storage	NAS (NFS, SMB/CIFS)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, Cloud
System Compatibility	Onvif (Profile S, Profile G, T) , SDK
Security	HTTPS encryption, IP address filter, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
User	Up to 40 users
Web Browsers	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Mobile Surveillance	IOS, Android
Active Deterrence	
Red/Blue Light Warning	N/A
Sound Warning	N/A
Interface	
Communication Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-board Storage	Up to 256GB
MIC	Support
Speaker	N/A
Audio I/O	N/A
Alarm I/O	N/A
Reset Button	Support

General	
Operating Conditions	(-40°C ~ 60°C) (-40°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%
POE	PoE (802.3 af)
Power Consumption	MAX. 7.3W
Protection Level	IP67
Material	Metal
Dimensions	Φ 5.03" × 4.12" (Φ 128 × 105.1mm)
Gross Weight	1.57 lb (715g)

Related Accessories

AC-JB05	AC-WM05	AC-PM03	AC-CMB02
Junction Box, Φ 142 × 46.5 MM	Wall Mount, Φ136 × 120 × 208 MM	Pole Mount, Φ 170 × 135.8 × 43.7 MM	Pendant Mount, Φ 116 × 734.5 MM
			

Please select accessories according to the installation scenario:

