

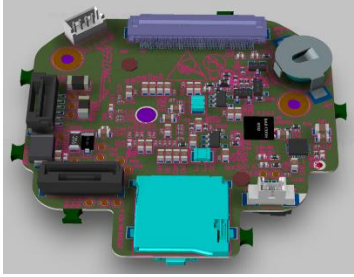
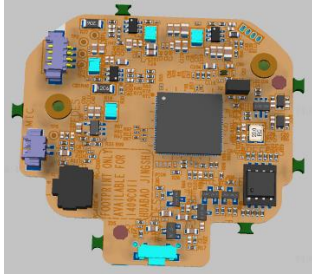
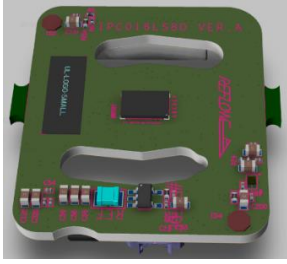
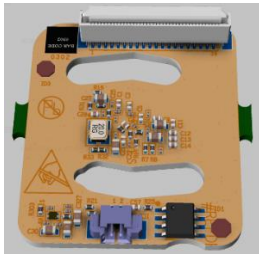
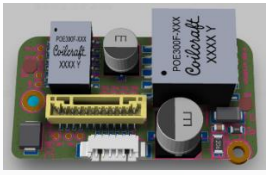
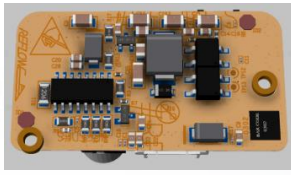
12MP HD Smart Dual Light Fixed Network Camera Module

12MP-Fixed-kit-SZ



Features

- High quality image with 12 MP, 1/2.7" CMOS sensor
- 12 MP (3840 × 2880)@20 fps; 5 MP (3072 × 1728)@30/25 fps; 4 MP (2560 × 1440)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Support ultra motion detection (human/ vehicle detection)
- Smart dual-light ensures high quality image
- Ultra 265, H.265, H.264
- Built-in mic and speaker
- 2D/3D DNR (digital noise reduction)
- ROI (region of interest) ensures image quality in areas of interest with low bandwidth
- Up to 30 m (98.4 ft.) IR and warm light distance
- MicroSD, up to 512 GB
- IP67 protection
- DC 12 V, PoE power supply

	
12MP Main Board Top Side	12MP Main Board Bottom Side
	
12MP Sensor Board Top Side	12MP Sensor Board Bottom Side
	
PoE Board Top Side	PoE Board Bottom Side

Specifications

Model	12MP-Fixed-kit-SZ
Camera	
Max Resolution	12 MP
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.005 Lux (F1.6, AGC ON), 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
S/N	>52 dB
WDR	DWDR
Lens	
Focal Length	2.8 mm
Iris	F1.6
Field of View (H)	106.5°
Field of View (V)	59.1°
Field of View (D)	121.7°
Lens Type	Fixed
Iris Type	Fixed
DORI	
DORI Distance (Lens)	2.8 mm
DORI Distance (Detect)	84.0 m (275.6 ft.)
DORI Distance (Observe)	33.6 m (110.2 ft.)
DORI Distance (Recognize)	16.8 m (55.1 ft.)
DORI Distance (Identify)	8.4 m (27.6 ft.)
Illuminator	
Illumination Distance (IR)	30 m (98.4 ft.)
Illumination Distance (Warm Light)	30 m (98.4 ft.)
Wavelength	850 nm
Supplemental Light	Dual light
Video	
Video Compression	Ultra 265, H.265, H.264
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 12MP (3840 × 2880), max. 20 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps Sub Stream: 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps;
Video Bit Rate	128 Kbps to 16 Mbps
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Dual streams

Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°
Dewarping	N/A
HLC	Support
BLC	Support
Image Stabilization	N/A
Defog	Digital defog
Events	
Basic Detection	Motion detection, Ultra motion detection (based on human body and vehicle detection), Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Security	Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF
Protocols	IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, IGMP, SMTP, QoS, SSL/TLS, SNMP, FTP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	Support
WIFI	N/A
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A

General	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 5.2 W
Power Interface	Ø5.5 mm coaxial power plug
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	4 Languages: English, Russian, Spanish, Vietnamese