

IPC2833-Fi4N-SIR50-Z6022

8.0MP Human Recognitive HD Network Vandal-Proof Varifocal IR Semi Dome



Features

Excellent Image Quality

- 8.0 Megapixel 1/2.8" progressive scan CMOS sensor
- High definition and smooth picture, 3840 x 2160@20fps
- H.265 video codec, saves up to 50% bandwidth and storage
- Ultra low illumination, 0.005lux with color picture
- 120dB Ultra WDR
- 3D noise reduction / Auto Iris / HLC

Intelligent Functions

- Motion detection / Tampering / Guard line / Defocus / Scene change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge

Recognitive Functions

- Target capturing
- Bi-directional people counting
- Face Intelligence Exposure

Vandal-Proof

- Above IK10 @ 50J collision energy

Integrated High Efficiency IR

- Industrial IR LED with long operational lifespan
- 20 ~ 50m IR distance
- Smart IR function

A Variety of Installation Modes

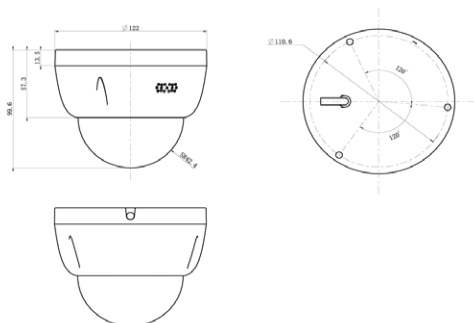
- Supports 90°, 180°, 270° image rotation
- Motorized varifocal lens

Abundant Functions and Features

- Micro SD card slot, supports Automatic Network Replenishment (ANR)
- Bi-directional audio / alarm in and out / RS485 / Built-in Mic & Speaker
- 2 channel audio input simultaneously
- Up to 3 Multi-stream
- PoE
- IP67

Dimensions

Units:mm



Specifications

Camera	IPC2833-Fi4N-SIR50-Z6022
Image Sensor	1/2.8" progressive scan CMOS
Pixels	8.0 Megapixel
Min. Illumination	Color: 0.005lux@ (F1.6, AGC ON) B/W: 0.0005lux@ (F1.6, AGC ON); 0lux with IR
Shutter Speed	1 ~ 1/30,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Ultra WDR, >=120dB
S/N Ratio	>=58db
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight Compensation	Off / BLC / WDR / HLC
Lens	
Mount Type	Φ14
Auto Iris	DC drive
Focal Length	I-Z6022: 6-22mm @F1.6~F3.3 motorized varifocal lens
Focus Control	Manual / Semi-Automatic / Auto
Angle of View	Horizontal:29.4°(T)~95.3°(W),Vertical:16.5°(T)~49.2°(W)
Adjustment Range	Pan: -120° ~ +120° / Tilt: 0° ~ 65° / Rotation: -90° ~ +90°
Infrared	
IR Distance	20 ~ 50m
IR Intensity	Smart IR
Video	
Compression	Smart 265 / H.265 (Main Profile) / H.264 (BaseLine Profile/Main Profile/High Profile) / MJPEG
Image Resolution	Main stream: 3840 x 2160 Secondary stream: 720P
Frame Rate	Main stream: 3840 x 2160@20fps Secondary stream: 720P@25fps
Bitrate	32kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Multi-stream	Supported
Caption	Date and time / Alarm / Customized
Privacy Masking	Up to 4 zones
Motion Detection	Up to 4 zones
Video Freeze	Supported
ROI	Supported
Digital Noise Reduction	3D noise reduction
Digital Defog	Supported
Image Flip	Flip / Mirror / Rotation at 90°, 180°, 270°
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.722.1c / G.726
Bitrate	32kbps ~ 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
Network	
Network Protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, IGMP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	Max. 20 Users (includes 2 internal)
Application Programming	ONVIF (Profile S, Profile G), GB/T 28181-2016, API, CGI
Automatic Network	Supported
Replenishment (ANR)	Supported
Recognitive Functions	
Target Detection	Person, Face
Captured Picture	Person, Face, Full view
Target Characters	Direction / Speed level
People Counting	Bi-directional
Face Enhancement	Face Intelligence Exposure
Alarm	
Alarm Triggers	Alarm input / Network disconnect / Disk full / Disk error
Intelligent	Motion detection / Tampering / Guard line / Defocus / Scene change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge
Alarm Events	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
Interfaces	
Ethernet	10/100M, RJ45 interface
Audio In / Out	1xLine In□1xLine Out, 1 x Built-in Mic in, 1 x Speaker
Control	1 x RS485
Alarm In / Out	2 x Input / 1 x Output
Memory Slot	Micro SD card slot, supports up to 256GB
Environmental	
Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	10% ~ 95%, No condensation
Protection Level	IP67, IK10+ @50J
Electrical	
Power	12V DC ± 10% / PoE (IEEE802.3af)
Power Consumption	Max. 12W
Mechanical	
Weight	0.71 kg / 1.57lb (Gross Weight)
Dimensions	Φ122x 99.6mm / Φ4.8" x 3.92"