

IPC2452-HNB-SIR50-Z2812

4.0MP HD Network Varifocal IR Bullet Camera



Features

Excellent Image Quality

- 4.0 Megapixel 1/3" progressive scan CMOS sensor
- High definition and smooth picture, 2592x1520@20fps, 2048x1520@25fps, 1080p@30fps
- H.265 video codec, saves up to 50% bandwidth and storage
- WDR / HLC / Auto Iris / 2DNR / 3DNR

Intelligent Functions

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

Integrated High Efficiency IR

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

A Variety of Installation Modes

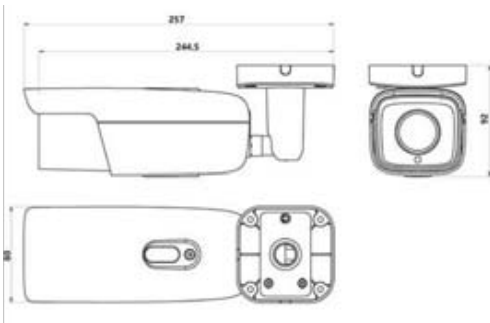
- Supports 90°, 180°, 270° image rotation
- Motorized varifocal lens

Abundant Functions and Features

- Micro SD card slot, supports Automatic Network Replenishment (ANR)
- Bi-directional audio / alarm in and out / video out / RS485
- 2 channel audio input simultaneously
- Up to 3 Multi-stream
- Anti-fog with heating glass
- -40°C ~ 70°C operation temperature
- PoE
- IP67, IK10

Dimensions

Units:mm



Specifications

IPC2452-HNB-SIR50-Z2812	
Camera	
Image Sensor	1/3" progressive scan CMOS
Pixels	4.0 Megapixel
Min. Illumination	Color: 0.09lux @ (F1.2, AGC ON)
	Color: 0.07lux @ (F1.4, AGC ON)
	Color: 0.05lux @ (F1.6, AGC ON)
	B/W: 0.009lux @ (F1.2, AGC ON)
	B/W: 0.007lux @ (F1.4, AGC ON)
	B/W: 0.005lux @ (F1.6, AGC ON); 0lux with IR
Shutter Speed	1 - 1/30,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Digital WDR
S/N Ratio	>50dB
White Balance	Auto / Manual (Fluorescent lamp, Incandescent light, Warm light, Natural light)
Gain Control	Auto / Manual
Backlight Compensation	Off / WDR / BLC / HLC
Lens	
Mount Type	Ø14
Auto Iris	DC drive
Focal Length	2.8-12mm motorized varifocal lens
Focus Control	Manual / Semi-Automatic / Auto
Angle of View	95° - 38°
Infrared	
IR Distance	50m
IR Intensity	Smart IR (Automatically adjusted according to the object)
Video	
Compression	H.265 + / H.265 / H.264 / MJPEG
Image Resolution	Main stream: 2592x1520
	Secondary stream: D1
	Triple stream: 1280 x 720@30fps
Frame Rate	Main stream: 2592x1520@20fps, 2048x1520@25fps, 1080p@30fps
	Secondary stream: D1@30fps
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
ROI	Supported
Digital Noise Reduction	2DNR, 3DNR
Digital Defog	Supported
Image Flip	Flip / Mirror / Rotation 90°, 180°, 270°
Corridor Mode	Supported
EIS	Supported
Discortion Correction	Supported
Network	
Network Protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SSH, NTP, SNMP, IGMP, SMTP, Multicast, IP Filter, IPv4, IPv6(optional)
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	Max. 10 Users (includes 2 internal)
Application Programming	ONVIF (Profile S, Profile G), GB/T 28181-2011, API, CGI
Automatic Network	
Replenishment (ANR)	Supported
Dual IP	Supported
Network Test	Supported
Alarm	
Alarm Triggers	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 report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
Alarm Events	
Interfaces	
Ethernet	10/100M, RJ45 interface
Audio In / Out	2 x Line in / 1 x Line out
Control	1 x RS485
Alarm In / Out	1 x Input / 1 x Output
Video Out	1 x BNC, 1.0V [p-p] / 75Ω
Memory Slot	Micro SD card slot, supports up to 128GB
Environmental	
Operating Temperature	-40°C - 70°C / -40°F - 158°F
Operating Humidity	10% - 95%
Protection Level	IP67, IK10
Electrical	
Power	12V DC ± 10% / PoE (IEEE802.3af)
Power Consumption	Max. 11W
Mechanical	
Weight	1.2kg / 2.65lb (Gross Weight)
Dimensions	271.3 x 80 x 87.8mm / 10.68" x 3.15" x 3.46"
Mounting Bracket	Bracket included
Standard	CE, FCC, EMC, LVD