

# IPC2552-FN/FNB-SIR50-L

## 5.0MP Starlight & Ultra WDR HD Network IR Bullet Camera



## Features

### Excellent Image Quality

- 5.0 Megapixel 1/2.8" progressive scan CMOS sensor
- High definition and smooth picture, 3072 x 1728@30fps
- 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 / HLC

### Intelligent Functions

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

### Integrated High Efficiency IR

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

### A Variety of Installation Modes

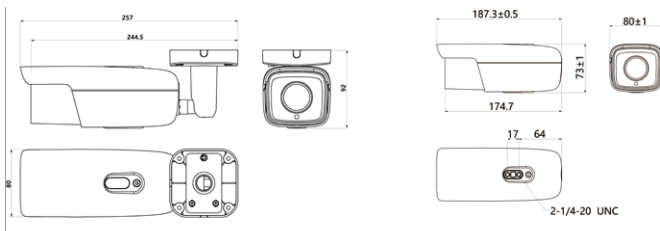
- Supports 90°, 180°, 270° image rotation

### Abundant Functions and Features

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

## Dimensions

Units:mm



## Specifications

	IPC2552-FN/FNB-SIR50-L
<b>Camera</b>	
Image Sensor	1/2.8" progressive scan CMOS
Pixels	5.0 Megapixel
Min. Illumination	Color: 0.005lux@ (AGC ON) B/W: 0.0005lux@ (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 / WDR / BLC / HLC
<b>Lens</b>	
Mount Type	M12
Focal Length	3.6mm@F1.4 (-L0360) / 6mm@F1.6(-L0600) / 8mm@F2.0 (-L0800)
Angle of View	-L0360:Horizontal:77.6° Vertical:40.1° -L0600:Horizontal:53.5° Vertical:28.9° -L0800:Horizontal:36.6° Vertical:20.5°"
<b>Infrared</b>	
IR Distance	50m
IR Intensity	Smart IR
<b>Video</b>	
Compression	Smart 265 / H.265 (Main Profile) / H.264 (BaseLine Profile / Main Profile / High Profile) / MJPEG
Image Resolution	Main stream: 3072 x 1728 Secondary stream: 720P Third stream: D1
Frame Rate	Main stream: 3072 x 1728@30fps / 3072 x 1728@25fps(with WDR on) Secondary stream: 720P@30fps Third stream: D1@30fps
Bitrate	32kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Dual-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	3D noise reduction
Digital Defog	Supported
Image Flip	Flip / Mirror / Rotation 90°, 180°, 270°
<b>Audio</b>	
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
<b>Network</b>	
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 Replenishment (ANR)	Supported
<b>Alarm</b>	
Alarm Triggers	Alarm input / Network disconnect / Disk full / Disk error
Basic Intelligent	Tampering / Defocus / Scene change / Object left / Object removal / Audio surge Human & Vehicle Detection:
Deep Learning Intelligent	Motion detection / Guard line / Enter guard area / Exit guard area / People Gathering
Alarm Events	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
<b>Interfaces</b>	
Ethernet	10/100M, RJ45 interface
Audio In / Out	1 x Line in / 1 x Line out
Control	1 x RS485
Alarm In / Out	2 x Input / 1 x Output
Memory Slot	Micro SD card slot, supports up to 256GB
<b>Environmental</b>	
Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	10% ~ 95%, No condensation
Protection Level	IP67, IK10(optional)
<b>Electrical</b>	
Power	12V DC ± 10% / PoE (IEEE802.3af)
Power Consumption	Max. 11W
<b>Mechanical</b>	
Weight	-FN: 1kg / 2.2lb (Gross Weight) -FNB: 1.2kg / 2.65lb (Gross Weight)
Dimensions	-FN: 181.5 x 80 x 73mm / 7.15" x 3.15" x 2.87" -FNB: 271.3 x 80 x 87.8mm / 10.68" x 3.15" x 3.46"
Mounting Bracket	-FN: Bracket not included -FNB: Bracket included