

# IPC2452-HN/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
- Low illumination, 0.05lux with color picture
- WDR / HLC / Auto Iris /3D noise reduction

#### 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
- 30 ~ 50m IR distance
- Smart IR function

#### A Variety of Installation Modes

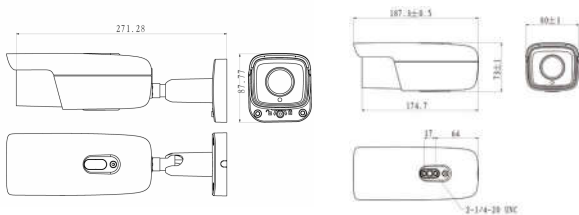
- Supports 90°, 180°, 270° image rotation
- Motorized varifocal lens

#### 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 (-HNB only)

### Dimensions

Units:mm



### Specification

Camera	IPC2452-HN/HNB-SIR50-Z2812
<b>Image Sensor</b>	1/3" progressive scan CMOS
<b>Pixels</b>	4.0 Megapixel
<b>Min. Illumination</b>	Color: 0.05lux @ (F1.6, AGC ON) B/W: 0lux with IR
<b>Shutter Speed</b>	1 ~ 1/30,000s
<b>Day / Night</b>	Auto (ICR) / Color / B/W
<b>Wide Dynamic Range</b>	Digital WDR
<b>S/N Ratio</b>	> 50dB
<b>White Balance</b>	Auto / Manual
<b>Gain Control</b>	Auto / Manual
<b>Backlight Compensation</b>	Off / WDR / BLC / HLC
<b>Lens</b>	
<b>Mount Type</b>	Ø14
<b>Auto Iris</b>	DC drive
<b>Focal Length</b>	2.8-12mm @ F1.6 motorized varifocal lens
<b>Focus Control</b>	Manual / Semi-Automatic / Auto
<b>Angle of View</b>	95°~ 38°
<b>Infrared</b>	
<b>IR Distance</b>	30 ~ 50m
<b>IR Intensity</b>	Smart IR
<b>Video</b>	
<b>Compression</b>	H.265 / H.264 / MJPEG
<b>Image Resolution</b>	Main stream: 2592x1520 Secondary stream: D1
<b>Frame Rate</b>	Main stream: 2592x1520@20fps, 2048x1520@25fps, 1080p@30fps Secondary stream: D1@30fps
<b>Bitrate</b>	32kbps ~ 16Mbps
<b>Bitrate Control</b>	VBR / CBR
<b>Multi-stream</b>	Supported
<b>Caption</b>	Date and time / Alarm / Customized
<b>Privacy Masking</b>	Up to 4 zones
<b>Motion Detection</b>	Up to 4 zones
<b>ROI</b>	Supported
<b>Digital Noise Reduction</b>	3D noise reduction
<b>Digital Defog</b>	Supported
<b>Image Flip</b>	Flip / Mirror / Rotation 90°, 180°, 270°
<b>Audio</b>	
<b>Compression</b>	G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.722.1c / G.726
<b>Bitrate</b>	32kbps ~ 64kbps
<b>Audio Function</b>	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
<b>Network</b>	
<b>Network Protocols</b>	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
<b>User Interface</b>	IPC Control (IE, Firefox, Chrome)
<b>Max. User Access</b>	Max. 10 Users (includes 2 internal)
<b>Application Programming</b>	ONVIF (Profile S, Profile G), GB/T 28181-2011, API, CGI
<b>Automatic Network Replenishment (ANR)</b>	Supported
<b>Alarm</b>	
<b>Alarm Triggers</b>	Alarm input / Network disconnect / Disk full / Disk error
<b>Intelligent</b>	Motion detection / Tampering / Guard line / Defocus / Scene change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge
<b>Alarm Events</b>	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
<b>Interfaces</b>	
<b>Ethernet</b>	10/100M, RJ45 interface
<b>Audio In / Out</b>	2 x Line in / 1 x Line out
<b>Control</b>	1 x RS485
<b>Alarm In / Out</b>	1 x Input / 1 x Output
<b>Video Out</b>	1 x BNC, 1.0V [p-p] / 75Ω
<b>Memory Slot</b>	Micro SD card slot, supports up to 128GB
<b>Environmental</b>	
<b>Operating Temperature</b>	-40°C ~ 70°C / -40°F ~ 158°F
<b>Operating Humidity</b>	10% ~ 95%
<b>Protection Level</b>	-HN: IP66 -HNB: IP67
<b>Electrical</b>	
<b>Power</b>	12V DC ± 10% / PoE (IEEE802.3af)
<b>Power Consumption</b>	Max. 11W
<b>Mechanical</b>	
<b>Weight</b>	-HN: 1kg / 2.2lb (Gross Weight) -HNB: 1.2kg / 2.65lb (Gross Weight)
<b>Dimensions</b>	-HN: 187.3 x 80 x 73mm / 7.37" x 3.15" x 2.87" -HNB: 271.3 x 80 x 87.8mm / 10.68" x 3.15" x 3.46"
<b>Mounting Bracket</b>	-HN: Bracket not included -HNB: Bracket included