

# IPC2233-FN-SIR40

## 2.0MP Starlight & Ultra WDR HD Network Vandal-Proof Varifocal IR Semi Dome



### Features

#### Excellent Image Quality

- 2.0 Megapixel 1/2.7" progressive scan CMOS sensor
- High definition and smooth picture, 1080p@30fps
- H.265 video codec, saves up to 50% bandwidth and storage
- Ultra low illumination, 0.002lux 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

#### Vandal-Proof

- Above IK10 @ 50J collision energy

#### Integrated High Efficiency IR

- Industrial IR LED with long operational lifespan
- 20 ~ 40m 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
- 2 channel audio input simultaneously
- PoE
- IP67

### Specifications

IPC2233-FN-SIR40	
<b>Camera</b>	
Image Sensor	1/2.7" progressive scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.0005lux@ (F2.0, AGC ON) B/W: 0.0001lux@ (F2.0, AGC ON)
Shutter Speed	1 ~ 1/30,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Ultra WDR, >=120dB
S/N Ratio	>52dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight Compensation	Off / BLC / WDR / HLC
<b>Lens</b>	
Mount Type	M12
Focal Length	2.0mm (-L0200)
Focus Control	Manual / Semi-Automatic / Auto
Adjustment Range	Pan: -120° ~ +120° / Tilt: 0° ~ 65° / Rotation: -90° ~ +90°
<b>Infrared</b>	
IR Distance	20 ~ 40m
IR Intensity	Smart IR
<b>Video</b>	
Compression	H.265 / H.264 / MJPEG
Image Resolution	Main stream: 1080p Secondary stream: D1
Frame Rate	Main stream: 1080p@30fps Secondary 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 at 90°, 180°, 270°
<b>Audio</b>	
Compression	G.711a / G.711u / ADPCM / G.722
Bitrate	32kbps ~ 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
<b>Network</b>	
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DDNS, RTP/RTCP, RTSP, PPPoE, FTP, UPnP, NAT, SMTP, RTMP, IPv4, IPv6
User Interface	Chrome
Max. User Access	Max. 20 Users (includes 2 internal)
Application Programming	ONVIF (Profile S, Profile G, Profile T), GB/T 28181-2011, API, CGI
Automatic Network Replenishment (ANR)	Supported
<b>Alarm</b>	
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
<b>Interfaces</b>	
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
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%
Protection Level	IK10+ @50J, IP67
<b>Electrical</b>	
Power	DC12V ± 10% / PoE (IEEE802.3af)
Power Consumption	Max. 11W
<b>Mechanical</b>	
Weight	0.71 kg / 1.57lb (Gross Weight)
Dimensions	Φ122x 96.13mm / Φ4.8" x 3.78"

### Dimensions

Units:mm

