

IPC2233-FN-SIR40-Z2712

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



Features

Excellent Image Quality

- 2.0 Megapixel 1/2.8" 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

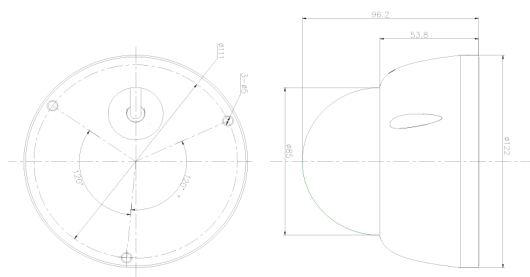
- Supports 90°, 180°, 270° image rotation
- Motorized varifocal lens

Abundant Functions and Features

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

Dimensions

Units:mm



Specification

| | |
|---------------------------------------|--|
| Camera | |
| Image Sensor | 1/2.8" progressive scan CMOS |
| Pixels | 2.0 Megapixel |
| Min. Illumination | Color: 0.002lux@ (F1.6, AGC ON) B/W: 0.0002lux@ (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 | >50dB |
| White Balance | Auto / Manual |
| Gain Control | Auto / Manual |
| Backlight Compensation | Off / BLC / WDR / HLC |
| Lens | |
| Mount Type | Φ14 |
| Auto Iris | DC drive |
| Focal Length | -Z2712: 2.7~12mm @ F1.6 motorized varifocal lens |
| Focus Control | Manual / Semi-Automatic / Auto |
| Angle of View | -Z2712: 106° ~ 33° |
| Adjustment Range | Pan: -120° ~ +120° / Tilt: 0° ~ 65° / Rotation: -90° ~ +90° |
| Infrared | |
| IR Distance | 20 ~ 40m |
| IR Intensity | Smart IR |
| Video | |
| 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 |
| 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, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SMTP, 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 |
| 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 | 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 | IK10+ @50J, IP67 |
| Electrical | |
| Power | DC12V ± 10% / PoE (IEEE802.3af) |
| Power Consumption | Max. 11W |
| Mechanical | |
| Weight | 0.71 kg / 1.57lb (Gross Weight) |
| Dimensions | Φ122× 96.2mm / Φ4.8" x 3.79" |