

# IPC2860-HN-SIR30

## 12MP Panoramic IR Fisheye Camera



### Features

#### Excellent Image Quality

- 12 Megapixel 1/1.7" progressive scan CMOS sensor
- High definition and smooth picture, 4000x3072@20fps
- H.265 video codec, saves up to 50% bandwidth and storage
- Low illumination, 0.05lux with color picture
- 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 / Heat map

#### Vandal-Proof

- Above IK10 @ 50J collision energy

#### Integrated High Efficiency IR

- Industrial IR LED with long operational lifespan
- 30m IR distance
- Smart IR function

#### A Variety of Installation Modes

- Supports 180° image rotation

#### 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 5 Multi-stream
- PoE
- IP67

### Specifications

Camera	IPC2860-HN-SIR30
Image Sensor	1/1.7" progressive scan CMOS
Pixels	12 Megapixel
Min. Illumination	Color: 0.05lux@ (F2.0, AGC ON) B/W: 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
Gain Control	Auto / Manual
Backlight Compensation	Off / BLC / WDR / HLC
Lens	
Mount Type	M12
Focal Length	1.85mm (-L0185)
Angle of View	-L0185: 180°
Infrared	
IR Distance	30m
IR Intensity	Smart IR
Video	
Compression	H.265 / H.264
Image Resolution	Main stream: 4000x3072 Secondary stream: D1
Frame Rate	Main stream: 4000x3072@20fps, 3264x2448@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
Video Freeze	Supported
ROI	Supported
Digital Noise Reduction	3D noise reduction
Digital Defog	Supported
Image Flip	Flip / Mirror / Rotation at 180°
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
Power Output	1 x DC12V / 0.1A Output
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 (IEEE802.3at)
Power Consumption	Max. 20W
Mechanical	
Weight	0.5 kg / 1.1lb (Gross Weight)
Dimensions	Φ160x 47mm / Φ6.30" x 1.85"

### Dimensions

Units:mm

