

IPC2233-FN-PIR40

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 / Enter guard area / Exit guard area

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)
- Up to 3 Multi-stream
- PoE
- IP67

Specifications

	IPC2233-FN-PIR40
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.002lux@ (F1.6, AGC ON)
Shutter Speed	B/W: 0.0002lux@ (F1.6, AGC ON); 0lux with IR
Day / Night	1 ~ 1/30,000s
Wide Dynamic Range	Auto (ICR) / Color / B/W
S/N Ratio	Ultra WDR, >=120dB
White Balance	>50dB
Gain Control	Auto / Manual
Backlight Compensation	Auto / Manual
Lens	
Mount Type	Off / BLC / WDR / HLC
Auto Iris	Φ14
Focal Length	DC drive
Focus Control	-Z2712: 2.7~12mm @ F1.6 motorized varifocal lens
Angle of View	Manual / Semi-Automatic / Auto
Adjustment Range	-Z2712: 106° ~ 33°
Infrared	Pan: -120° ~ +120° / Tilt: 0° ~ 65° / Rotation: -90° ~ +90°
IR Distance	20 ~ 40m
IR Intensity	Smart IR
Video	
Compression	H.265 / H.264 / MJPEG
Image Resolution	Main stream: 1080p
Frame Rate	Secondary stream: D1 (1080p optional)
Bitrate	Main stream: 1080p@30fps
Bitrate Control	Secondary stream: D1@30fps (1080@12fps optional)
Multi-stream	32kbps ~ 16Mbps
Caption	VBR / CBR
Privacy Masking	Supported
Motion Detection	Date and time / Alarm / Customized
Video Freeze	Up to 4 zones
ROI	Up to 4 zones
Digital Noise Reduction	Supported
Digital Defog	Supported
Image Flip	3D noise reduction
Network	Digital Defog
Network Protocols	Flip / Mirror / Rotation at 90°, 180°, 270°
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
Application Programming	Max. 10 Users (includes 2 internal)
Automatic Network Replenishment (ANR)	ONVIF (Profile S, Profile G), GB/T 28181-2011, API, CGI
Supported	Supported
Alarm	
Alarm Triggers	Network disconnect / Disk full / Disk error
Intelligent	Motion detection / Tampering / Guard line / Enter guard area / Exit guard area
Alarm Events	Alarm report / Recording / Text overlay / Snapshot / Email notice
Interfaces	
Ethernet	10/100M, RJ45 interface
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	Φ122x 96.13mm / Φ4.8" x 3.78"

Dimensions

Units:mm

