

# IPC2232-AN-DL

## 2.0MP HD Network Vandal-Proof Semi Dome Camera



### Features

#### Excellent Image Quality

- 2.0 Megapixel 1/2.8" progressive scan CMOS sensor
- High definition and smooth picture, 1080p@30fps
- H.264 high profile video codec, saves up to 30% bandwidth and storage
- Low illumination, 0.05lux with color picture
- WDR support / 3D noise reduction / Auto Iris (-DL1 only)

#### Vandal-Proof

- Above IK10 @ 50J collision energy

#### A Variety of Installation Modes

- Supports 90°, 180°, 270° image rotation
- Varifocal lens (-DL1 only)

#### Abundant Functions and Features

- TF card slot, supports Automatic Network Replenishment (ANR)
- Dual-stream (1080p + D1)
- Bi-directional audio / alarm in and out / RS485

### Specifications

Camera	IPC2232-AN(-DL1, -DL3, -DL4)
Image Sensor	1/2.8" progressive scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.05lux @ (F1.6, AGC ON) B/W: 0.005lux @ (F1.6, AGC ON)
Shutter Speed	1/10 – 1/10,000s
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
<b>Lens</b>	
Mount Type	-DL1: Ø14 -DL3, DL4: M12
Iris	-DL1: Auto Iris (DC drive) -DL3, DL4: Fixed Iris
Focal Length	-DL1: 2.8 – 12mm @ F1.6 manual varifocal lens -DL3: 2.8mm -DL4: 2.1mm
Angle of View	-DL1: 87.6.6° – 31.3° -DL3: 101° -DL4: 134°
Adjustment Range	Pan: 0° – 355° / Tilt: 0° – 75° / Rotation: 0° – 355°
<b>Video</b>	
Compression	H.264 / MJPEG
Image Resolution	Main stream: 1080p Secondary stream: D1
Frame Rate	Main stream: 1080p@30fps Secondary stream: D1@30fps
Bitrate	64kbps – 8Mbps
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
Video Freeze	Supported
Digital Noise Reduction	3D noise reduction
Image Flip	Flip / Mirror / Rotation at 90°, 180°, 270°
<b>Audio</b>	
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC
Bitrate	32kbps – 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
<b>Network</b>	
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, IPv4, IPv6 (optional)
User Interface	IPC Control (IE)
Max. User Access	Max. 10 Users (includes 2 internal)
Application Programming	ONVIF (Profile S), GB/T 28181-2011, API, CGI
Automatic Network Replenishment (ANR)	Supported
<b>Alarm</b>	
Alarm Triggers	Motion detection / Alarm input
Alarm Events	Alarm caption / Snapshot / External output
<b>Interfaces</b>	
Ethernet	10/100M, RJ45 interface
Audio In / Out	1 x Line in / 1 x Line out
Control	1 x RS485
Alarm In / Out	1 x Input / 1 x Output
Memory Slot	TF card slot, supports up to 128GB
<b>Environmental</b>	
Operating Temperature	-20°C – 60°C / -22°F – 140°F
Operating Humidity	10% ~ 95%
Protection Level	IK10+ @50J
<b>Electrical</b>	
Power	12V DC ± 10%
Power Consumption	Max. 11W
<b>Mechanical</b>	
Weight	1 kg / 2.2lb (Gross Weight)
Dimensions	Ø155.8 x 125.9mm / Ø6.14" x 4.96"

### Dimensions

Units:mm

