



IPC201-2M-D Camera Data Sheet

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Overview

With the max resolution of 1920x1080 at 30fps, 2MP dome network cameras can provide a high-definition professional surveillance and security solution. Adopting the smart IR technology, the 2MP dome cameras can also deliver clear video at night, with the IR range of up to 30m (98ft) or 40m (131ft). Smart encoding technology and H.265 compression code can save 75% disk space and reduce the monitoring cost. Designed for indoor and outdoor environments, it is IP67 weatherproof, ideal for houses, shops and other SMBs.

- Captures 2MP Full HD Video
- With IR LEDs, Night Vision Distance up to 30m (98ft)
- Smart H.265+ Reduces Bandwidth and Storage, While Preserving High Image Quality
- Water and Dust Resistant (IP67), Vandal Resistant (IK10)
- Focusing on Human Body Detection



Key features

Plug and play PoE connection

With only a single ethernet cable to get powered and transmit video, PoE (Power over Ethernet) cameras allow you to DIY their positions anywhere you want. No need of a separate power adapter for power supply of each camera, simplifying installation and helping to keep costs low.

120dB true WDR

Cameras with True Wide Dynamic Range (True WDR) can produce images even under varying light conditions. It can also maintain proper image brightness, exposure and contrast to ensure good image clarity. WDR is measured in dB. A WDR of range (120dB) can capture greater scale of brightness.

3D DNR

Developed for shooting at night or in dimly lit places, 3D Digital Noise Reduction (DNR) decreases picture noise and reduces colour mixture errors. 3D DNR removes the grainy fuzzy appearances of low light images, will handle moving objects without leaving tails behind, and in low light, it makes an image clearer and sharper compared to no noise reduction or 2D DNR. 3D DNR is essential to producing a clear image from your security cameras.

Smart IR technology

Smart IR technology can detect the infrared (IR) wavelengths, enabling the cameras to see even in low light condition or in complete darkness, and providing protection day and night.

IP67 protection

IP67 rated housing protects the camera against rain and dust. Capable of withstanding temperatures from -30 ~ 60 ° C (-22~140° F), the cameras perform well even in demanding environments.

Smart behavior detection

With advanced video algorithm, cameras support smart behavior detections, such as motion detection, line-crossing and area intrusion. Focusing on human body, smart behavior detections enjoy the reduction of false alarm, and send instant notifications when detecting intrusion targets.

H.265 and smart encoding technology

Smart encoding technology can reduce storage costs without sacrificing resolution and frame rate. Under the same configuration, H.265 with smart encoding technology only costs one hard disk to store the same video record which needs four hard disks under H.264, saving 75% storage cost.

Multiple ways of management

The camera supports different ways of management. Free monitoring softwares and Apps are available to view, manage and record the camera through the connected NVR, computer or mobile phone.

Specifications

Table 1 shows the technical specification for FS IPC201-2M-D.

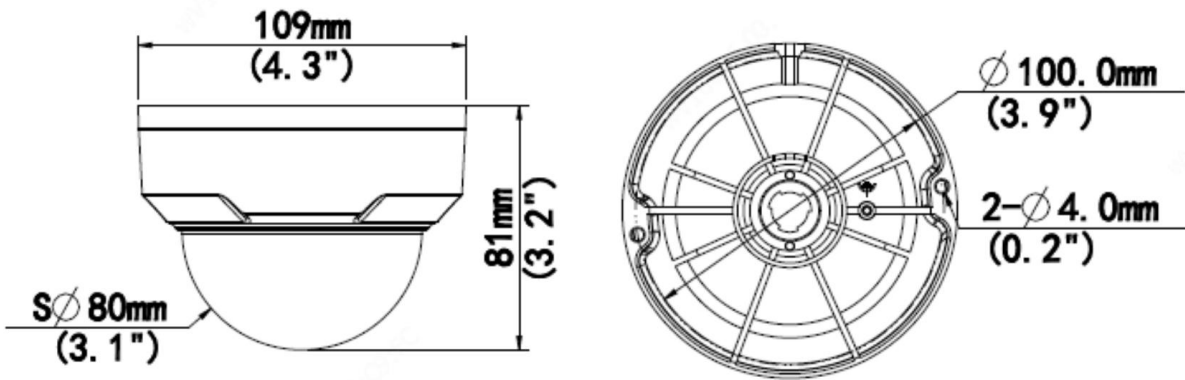
Table 1. Technical specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max.Resolution	1920x1080
Min. Illumination	Colour: 0.01Lux (F2.0, AGC ON) 0Lux with IR
S/N	>52dB
Shutter Speed	Auto/Manual, 1- 1/100000s
3-Axis Adjustment	Pan: 3° - 360° Tilt: 0° - 68° Rotate: 3° - 360°
Lens	
Focal Length (mm)	2.8
Aperture	F2.0
Field of View (H)	112.9°
Field of View (V)	59.1°
Field of View (D)	121.2°
DORI	
DORI Distance (m)	Detect: 42 Observe: 16.8 Recognize: 8.4 Identify: 4.2
Illuminator	
Day/Night	Support
IR-cut Filter	Support
IR Range	30m (98ft)

Wavelength	850nm
IR On/Off Control	Auto / Manual
Video	
Video Compression	H.265, H.264, MJPEG
H.264 Code Profile	Baseline Profile, Main Profile, High Profile
Video Bit Rate	128 Kbps to 16 Mbps
9:16 Corridor Mode	Support
On-Screen Display (OSD)	Up to 4 OSDs
Privacy Mask	Up to 4 areas
Region of Interest (ROI)	Up to 8 Areas
Motion Detection	Up to 4 areas
Image	
Wide Dynamic Range (WDR)	120dB
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Flip	Normal/Vertical/Horizontal/180° /90° Clockwise/90° Anti-clockwise
Dewarping	--
HLC	Support
BLC	Support
Digital Defog	Support
Events	
Behavior Detection	Cross line, intrusion (based on human body detection) motion detection, tampering alarm
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication

Storage	
Edge Storage	Micro SD, up to 128GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL, SNMP
Compliance	NDAA Section 889 compliant
Client	Guard Station, Guard Viewer
Web Browser	Plug-in Required Live View: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in Free Live View: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Interface	
Network	10M/100M Base-TX Ethernet
General	
Power	DC 12V $\pm$ 25%, PoE (IEEE 802.3af)
Dimensions (ØxH)	Φ108.7 x 81mm (Ø 4.3" x 3.2")
Weight	0.36kg (0.79lb)
Material	Metal + Plastic
Operating Temperature	-22° F to 140° F (-30° C to 60° C)
Storage Temperature	-22° F to 140° F (-30° C to 60° C)
Operating Humidity	≤ 95% RH (Non-condensing)
Storage Humidity	≤ 95% RH (Non-condensing)
Surge Protection	4KV
Ingress Protection	IP67, IK10
Warranty	2 Years

Dimensions



Additional information

For more information about the IPC201-2M-D camera, contact your account manager or visit <https://www.fs.com/products/152169.html>

Document history

New or revised topic	Described in	Date
Updates to FS IPC201-2M-D Camera Data Sheet	Updated all	2/28/2023



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