

## IPC-F2CP-LED-0280B

IPC-F2CP-LED-0280B 2MP IP Wi-Fi Full color video kamera designed for installation in external security systems

- Pixels:1920 × 1080
- Video compression:H. 264B; H. 264; H. 264H; H. 265
- IR=30m
- F=2.8 mm
- IP67

Type	IP
Megapixel	2 MP
Objective	Motionless
Focus	2.8 mm
Lighting	IR
Lighting distance	30 m
Protection	IP67
Material	Plastic



## Detailed

<b>Model</b>	<b>IPC-F2CP-LED-0280B</b>
<b>Camera</b>	
The matrix	1/3" CMOS
Effective pixels	1920 × 1080
ROM	16 MB
RAM	64 MB
Scanning system	Progressive
Electronic shutter speed	Auto / Manual 1 / 3 s - 1 / 100,000 s

Mines. lighting	0.005 Lux at F1. 6 (Color, 30 IRE) 0.0005 Lux at F1. 6 (B / W, 30 IRE) 0 Lux (IR on)				
Signal-To-Noise Ratio	>56 dB				
Lighting distance	Up to 30 m (98.53 ft)				
Lighting Control On / Off	Auto				
Number of illuminators	2 (Warm light)				
Setting the angle	Pan:0° - 360° Tilt: -60°-45°				
<b>Lens</b>					
Lens Type	Fixed				
Mounting type	M12				
Focal length	2.8 mm				
Max. aperture	F1.6				
Viewing angle	Horizontal:98°; Vertical:55°; Diagonally:115°				
IR Control	Fixed value				
Closed focal length	1 m (3.28 ft)				
DOPE Distance	Lens	Detection	Notification	Speech recognition	Identification
	2.8 mm	61.2 m (200.78 ft)	24.5 m (80.38 ft)	12.2 m (40.03 ft)	6.1 m (20.01 ft)
<b>Intellectual properties</b>					
Detecting people	Support for classification and accurate human detection				
<b>Video</b>					
Video compression	H.264B; H.264; H.264H; H.265				
Smart Codec	Smart H.265+; Smart H.264+				
Video Frame Rate	Main stream:1920 × 1080 (1-25 / 30 fps) Additional stream:640 × 480 (1-25 / 30 fps) *The above values are the maximum frame rates of each stream; for multiple streams, the values will depend on the total encoding capacity				

Streaming capabilities	2 streams
Permission	1080p (1920 ×1080); 1280 × 960 (1280 × 960); 1280 × 720 (1280 × 720)
Data transfer rate monitoring	CBR / VBR
Video Transfer rate	H.264:32kbps ~ 4096kbps H.265:12kbps ~ 4096kbps
Day / Night	Color / B / W
BLC	There are
HLC	There are
WDR	DWDR
White Balance	Auto / Natural Light / Street Lamp / Outdoor activities / Manually / Regionally
Gain control	Auto
Noise reduction	3D NR
Motion Detection	Off / On (4 Zones, Rectangle)
Area of Interest (RoI)	Yes (4 Zones)
Smart Lighting	There are
Rotate the frame	0° / 180°
Display	There are
Privacy Mask	4 Zones
<b>Audio</b>	
Built-in microphone	There are
Audio compression	G.711a; G.711Mu; PCM; G.726
<b>Anxiety</b>	
Disturbing events	No SD card; SD card is full; SD card error; Network outage; IP conflict; Illegal access; Motion detection; Video tampering; Abnormal audio input; Intensity change; Motion detection; SMD (human)
<b>Network</b>	

Network Port	RJ-45 (10 / 100 Base-T)
Wi-Fi	IEEE802. 11b / g / n 2.4-2.4835 GHz; 2.4 G
SDK and API	There are
Network Protocol	IPv4; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; DHCP; DNS; NTP; Multicast; RTMP; P2P
Compatibility	ONVIF (Profile S; Profile G); CGI
User / Host	20 (Total throughput:64 MB)
Keeping	Micro SD card (Support max. 256 GB)
Browser	IE; Chrome; Firefox
Management software	Smart PSS; DSS; DMSS
Smartphones	iOS;Android
Cyber Security	Configuration Encryption; Trusted Execution; Digest; Security Logs; HTTPS; Trusted Update; WSSE; Trusted Upload; Account Lockout; Creating and Importing X. 509 Certification; Video Encryption
<b>Certificates</b>	
Certificates	CE-LVD:EN62368-1; CE-EMC:Electromagnetic Compatibility Directive 2014/30 / EC; CE-RED:Radio Equipment Directive 2014/53 / EC
<b>Protection</b>	
Degree of protection	IP67
<b>Environment</b>	
Operating temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating humidity	≤95 %
Storage temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Storage humidity	≤95 %
<b>Electrical properties</b>	
Power supply	12 VDC
Power consumption	Basic information:2 W (12 VDC) current consumption)

Max. (H. 265+warm light intensity): 5.3 W (12 VDC) current consumption)

**General information**

Housing material

Metal+Plastic

Colour

White

Sizes

131.0 mm × 78.4 mm × 97.2 mm (5.47" × 4.80" × 3.83")

Net Weight

254.5 g (0.56 lb)

Gross Weight

503 g (1.11 lb)