

IPC-HFW1239TL1-A-IL

Kamera IPC-HFW1239TL1P-A-IL-0360B 2MP

- 1/2.8" CMOS
- 3.6mm lens
- Compression: H.265; H.264; H.264H; H.264B, MJPEG (Supported only by additional stream);
- DWDR
- 3D NR
- BLC
- People detection
- Intelligent dual illumination
- Built-in microphone
- Protection: IP67
- Power: 12V(DC), PoE
- Housing: metal, plastic

Type	IP
Megapixel	2 MP
Objective	Motionless
Focus	3.6 mm
Lighting	IR
Lighting distance	30 m
Protection	IP67
Material	Metal



Detailed

Model	IPC-HFW1239TL1P-A-IL-0360B
Camera	
Matrix	1/2.8" CMOS
Effective Pixels	1920×1080
ROM	128 Mb

RAM	128 Mb				
Scanning system	Progressive				
Electronic shutter speed	0.005 Lux@F1.6 (Color, 30 IRE) 0.0005 Lux@F1.6 (B/W, 30 IRE) 0 Lux (IR on)				
Signal to Noise Ratio	>56 dB				
IR distance	Up to 30m (98.43ft) (IR) Up to 30m (98.43ft) (Warm Light)				
IR Control On/Off	Auto / Manual				
IR LEDs	2 (IR LED); 2 (Warm light)				
Angle adjustment	Pan:0°-360° Tilt:0°-90° Rotate:0°-360°				
Lens					
Lens type	Fixed				
Mounting type	M12				
Focal length	3.6 mm				
Max aperture	Horizontal: 88°; Vertical: 44°; Diagonal: 105°				
IR Management	Fixed				
Closed focal length	1.3 m (4.27 ft)				
FOOL Distance	Lens	Detection	Notification	Recognition	Identification
	3.6 mm	58.9 m (193.24 ft)	23.6 m (77.43 ft)	11.8 m (38.71 ft)	5.9 m (19.36 ft)
Intellectual properties					
Human detection	Support classification and accurate human detection				
Smart search	Works together with Smart NVR to perform more accurate intelligent search, event extraction and merging with event videos.				
Video					

Video compression	H.265; H.264; H.264H; H.264B; MJPEG (Supported by sub-stream only)
Smart coding	Smart H.265+; Smart H.264+
Video frame rate	Main Stream: 1920 x 1080 (1-25 / 30 fps) Sub Stream: 704 x 576 (1-25 fps) / 704 x 480 (1-30 fps) *The values above 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); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576 / 704 × 480); VGA (640 × 480); CIF (352 × 288 / 352 × 240)
Data transfer rate control	CBR/VBR
Video bit rate	H.264:32 kbps-4096 kbps H.265:12 kbps-4096 kbps
Day / Night	Auto (IR) / Color / B/W
BLC	Eat
HLC	Eat
WDR	DWDR
White Balance	Auto; Natural Light; Street Light; Outdoor; Manual; Regional
Gain control	Auto / Manual
Noise reduction	3D NR
Motion detection	Off / On (4 Zones, Rectangle)
Area of Interest (RoI)	Yes (4 Zones)
Smart lighting	Eat
Rotate frame	0° / 90° / 180° / 270° (Support 90° / 270° with 1080p resolution and below)
Display	Eat
Privacy Mask	4 Zones
Audio	
Built-in microphone	Eat

Audio compression	G.711a; G.711Mu; PCM; G.726
Anxiety	
Disturbing developments	Network Disconnection; IP Conflict; Illegal Access; Motion Detection; Video Tampering; Audio Detection; SMD(Human); Security Exception
Net	
Network port	RJ-45 (10/100 Base-T)
SDK and API	Eat
Network protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP; P2P
Compatibility	ONVIF (Profile S; Profile T); CGI
User / Host	6 (Total Bandwidth:24Mb)
Storage	FTP
Browser	IE; Chrome; Firefox
Management software	Smart PSS Lite; DSS; DMSS
Smartphones	iOS;Android
Cyber security	Configuration encryption; Trusted execution; Digest; Security logs; HTTPS; Trusted update; WSSE; Trusted boot; Account lockout; X.509 certification creation and import; Video encryption
Certificates	
Certificates	CE-LVD:EN62368-1 CE-EMC:Electromagnetic Compatibility Directive 2014/30/EU
Protection	
Degree of protection	IP67
Environment	
Operating temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Working humidity	≤95%
Storage temperature	-40 °C to +60 °C (-40 °F to +140 °F)

Storage humidity	≤95%
Electrical properties	
Power supply	12 VDC / PoE (802.3af)
Power consumption	Basic: 1.8W (DC 12V); 2.3W (PoE) Max (H.265 + Smart + WDR + Backlight Intensity): 6.3W (DC 12V); 7.8W (PoE)
General information	
Body material	Metal+Plastic
Color	White
Dimensions	197.9 mm × 80.2 mm × 76.2 mm (7.79" × 3.16" × 3.00")
Net weight	0.31 kg (0.68 lbs)
Gross weight	0.45 kg (0.99 lbs)