IPC-P120-D/W
2.0 MP Network PT Camera





Key Features

- Up to 2.0 megapixel high resolution
- Two video streams
- 2.8mm fixed lens
- Digital Wide Dynamic Range
- 3D Digital Noise Reduction
- Built-in microphone and speaker, support two-way audio
- Support on-board storage, up to 128 GB
- Up to 10 m IR range
- Built-in Wi-Fi
- DC 5V ± 10 %, micro USB interface
- Mobile monitoring via mobile application

Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Support
Iris	F2.0
Lens	2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal FOV: 124°
Lens Mount	M12
Day &Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	Digital WDR
Pan/Tilt	Pan: 0° to 355°; Tilt: -10° to 90°
Compression Standard	
Video Compression	Main stream: H.264 Sub-stream: H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)
Image	
Max. Resolution	1920 × 1080
Main Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 ×720) 60Hz: 30fps (1920 × 1080, 1280 ×720)
Sub-Stream Max. Frame Rate	50Hz: 25fps (704 × 576, 352 × 288, 640 × 480, 320 × 240) 60Hz: 30fps (704 × 480, 352 × 240, 640 × 480, 320 × 240)
Image Settings	Brightness, saturation, sharpness, contrast are adjustable via client software
Day/Night Switch	Support auto/scheduled
Backlight Compensation	Support, zone optional
Region of Interest	Support 1 fixed region for each stream
Audio	
Environment Noise Filter	Support
Audio I/O	Support mono soundtrack
Audio Sampling Rate	Max. 16 kHz
Network	
Network Storage	Support micro SD/SDHC/SDXC card, up to 128 GB local storage
Detection	Motion detection
Alarm Trigger	Video tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, UPnP, IGMP, QoS, IPv6, Bonjour, SMTP, 802.1x
Standard	ISAPI
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
API	ONVIF(PROFILE S,PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users

	3 levels: Administrator, Operator and User
Client	HiLookVision PC Client, HiLookVision App
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
Audio Interface	1 built-in microphone, 1 built-in speaker
Reset	Yes
Wi-Fi (-W)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz - 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transfer Rates	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Wireless Range	50 meters (The performance varies based on actual environment)
General	
Operating Conditions	-10 °C to 40°C (14 °F to 104 °F), Humidity 95% or less (non-condensing)
Power Supply	DC 5V ± 10 %, micro USB interface
Current	Max. 1.4A
Power Consumption	Max. 7W
IR Range	Up to 10 meters
Material	Plastic
Dimensions	Φ 87.5 × 120.9 mm (Φ 3.5'' × 4.8'')
Weight (include package)	Camera: 295g (0.7 lb) With package: 511g (1.1 lb)

Ordering Models

IPC-P120-D/W (2.8 mm)

Dimensions

