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## 1080P HD Covert WiFi IP Camera



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## Features

- Full HD 2 megapixel CMOS image sensor
- WiFi supported (IEEE802.11b/g/n)
- Pinhole lens for various applications
- Discreet design
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Tampering / Audio / Motion detection alarm function
- 2-way audio supported
- SD card supported
- Digital I/O : 2 in, 1 out
- ONVIF supported

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## Description

IPC0122W is covert wifi IP camera with a pinhole lens. The IPC0122 covert IP camera comprises a main unit and a separate sensor unit which allows them to be mounted up to 6 meters apart. LILIN IPC0122W covert wifi IP camera is able to send automatic alarms when the camera is tampered with – to immediately inform you with any possible security breaches or crime. The unique form factor and small sized sensor unit are

able to perform embedded mounting at places where a concealed applications is required.

## Specifications

Model	IPC0122WP3
Image Sensor/Sensor type	1/2.7" CMOS image sensor
Max. Image Pixels/ Total sensor pixels/ Effective Pixels	1920 (H) x 1080 (V) = 2,073,600 (pixel)
Video Compression	H.264 , Motion JPEG
Megapixels	1080P(1920 × 1080), 720P(1280 × 720), D1(720 × 480), CIF(352 × 240)
Frame Rates	H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 720 x 480 / H.264 : up to 30 fps @ 1280 x 720 , MJPEG : up to 30 fps @ 352 x 240 / H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 1280 x 720 / H.264 : up to 30 fps @ 720 x 480 , MJPEG : up to 15 fps @ 1920 x 1080
Lens/Focal length	3.7 mm (Pinhole)
Iris	F2.8
Angle of View	100°(H), 56°(V), 114°(D)
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
Video bitrate	128Kbps – 8Mbps ; Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported
Scanning System	Progressive Scan
Min. illumination/Low Light Mode (Colour)	1.5 Lux at F2.8
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation (BLC)	Off / On
Shutter Time	1/30(1/25)s – 1/8000s
Sense Up	Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames
Sense Up+	Yes

Auto Gain Control	36 dB Variable Gain
3D Noise Reduction	Off / 1 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4
Privacy Masking	Off / On (4 zones)
D/N quality setting	Yes
Other functions	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip
Live video	CVBS 1.0Vp-p, 75 ohm, RCA connector
Audio Input / Output	Mono, 1.98 Vp-p , 3.5mm phone jack
Image Sensor Module Input	RJ-12 , 6 Pins
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
IP address filter	Yes
Multi IP address	Yes
Users	8 simultaneous users
ePTZ & Digital Zoom	Yes, ROI is supported
OSD (On-Screen Display)	Text overlay for date, time, and camera name
Alarm event triggers	Audio / motion / tampering detection triggering recording into SD card ; Image upload over FTP and E- mail by tampering / audio / motion detection
Alarm event actions	Yes
Alarm weighted mode	Yes
CPU	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memor
Firmware	Firmware update via HTTP / Firmware available at web site
WiFi	IEEE802.11 b/g/n RF frequency : 2.4 GHz Antenna : connector for external antennas Encryption : 64/128 WEP, TKIP/AES Authentication: WEP, WPA, WPA2
Network Interface/Ethernet	10Base-T / 100Base-TX, RJ-45

Control interface	RS-485 , Half-Duplex , support MLP2 , Pelco D/P protocols
OS requirement	Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8
Web browser	Windows Internet Explorer 6.0 or above
CPU requirement	Intel Pentium 4 1.8GHz or above
RAM requirement	1GB or above, Independent Display Card
Protocols	IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, Bonjour
RTSP Authentication	On / Off
Mobile phone	iPhone, iPad, and Android support
Video Management	ONVIF & LILIN HTTP API ; Navigator Enterprise 1.0 support
Video Display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 2.6.32
Audio	Two-way Audio , G.711 / PCM
SD Card/ SD card recording	Support Micro SD/SDHC card for circular recording (card is not included)
Alarm Input / output	Digital 2 input (TTL, +3 – 5VDC) / 1 Output (Relay dry contact N.O. / N.C. , Load max. 24VDC/1A)
Operating temperature	-25°C – +50°C (-13°F – 122°F)
Dimensions	Main module : 130mm(W) x 35mm(H) x 93mm(D) , Image sensor module : Ø25 x 32mm
Weight	Main module : 310g , Image sensor module : 180g
Power Supply	DC12V ±10% □ PoE (IEEE 802.3af compliant)
PoE	PoE
Power Consumption	DC12V, 6.5W / PoE, 8W