



# Video Surveillance for ATMs

Greatly reinforce ATM overall security

- Criminal investigation
- Prevent holdups
- Prevent violent confrontations
- Deter ATM skimming







## A perfect discreet camera to fit for your needs

### Miniature IP video surveillance camera to enhance ATM operations and security

ATMs are often placed in unsecured open locations with people walking by at all times, and robberies, attacks, fraud, and vandalism are a reality on a daily basis. The presence of security cameras can greatly enhance the level of safety around an ATM, making it less likely that customers will be confronted by threatening criminals looking to swipe their cash or cards.

LILIN Covert Series IP Camera is a network covert surveillance solution for ATM environment. LILIN is a global IP video manufacturer of IP video cameras, recording devices, and software with over 30 years of experience, LILIN offers the most advanced security benefits.



#### Benefits of IPC0122 ATM fitted covert IP camera:

- Improve safety and security
- Easy and flexible installation
- Discreet and functional design
- Power over Ethernet



**LILIN**



# LILIN Covert Series Network Camera with Miniature Design for Exceptionally Discreet ATM Surveillance

LILIN IPC0122 IP camera offers exquisite small sized form factor, high performance cameras for covert installations for ATMs, where a well-thought-out and discreet video surveillance solution is needed. IPC0122 network camera is ideal for indoor installations. With the IP advantage – not only do you have cutting-edge surveillance, but also you get to streamline ATM operations.

LILIN IPC0122 covert ATM fitted IP camera is capable of sending automatic alarms when the camera is tampered with – to immediately inform you with any possible security breaches or crime. You can then therefore quickly deliver evidence to law enforcement authorities or stakeholders when further investigation is required.

## Benefits of LILIN IPC0122 Video Surveillance:

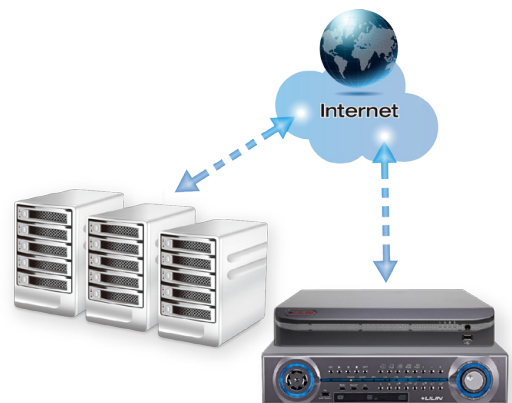
### ✓ Prevent violent confrontations

The presence of IPC0122 covert IP cameras are able to enhance the level of safety around an ATM, making it less likely that customers will be confronted by threatening criminals looking to swipe their cards.



### ✓ Digital storage

Network based security cameras enable users to backup and store video footage digitally on servers, video recorders, or harddrives



### ✓ Criminal investigation

IP based cameras are able to provide valuable visual evidence of crimes involving ATM cash machines. Archived footage can prove invaluable when an incident is reported.



### ✓ Deter ATM skimming

ATM security cameras can spot a potential skimming operation before it starts.







**LILIN IPC0122 ATM fitted network camera provides High Definition quality of video output – giving you clear images to identify possibilities even in poor lighting conditions**

✓ **Exquisite Form Factor**

The small size and form factor offer excess flexibility for ATM environment. The main unit and sensor unit are connected together by a 6-meter long cable in providing definite flexibility to place the sensor unit in one place and the main unit elsewhere.

✓ **Easy to Install & Flexible Mounting Option**

LILIN IPC0122 covert IP camera comprises a main unit and a separate sensor unit which allows them to be mounted up to 6 meters apart. The unique form factor and small-sized sensor unit are able to perform embedded mounting at places where a concealed application is required.

## DIMENSIONS (Unit : mm) :

Main module : 130mm(W) x 35mm(H) x 93mm(D)

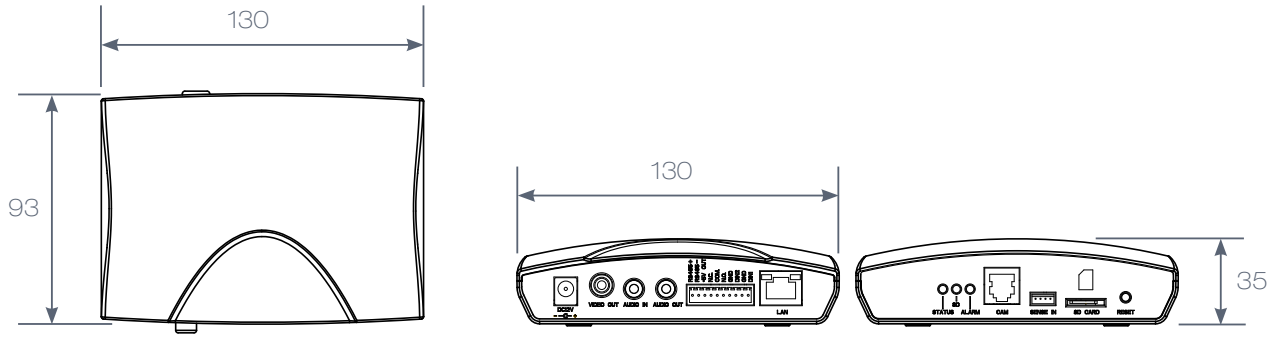
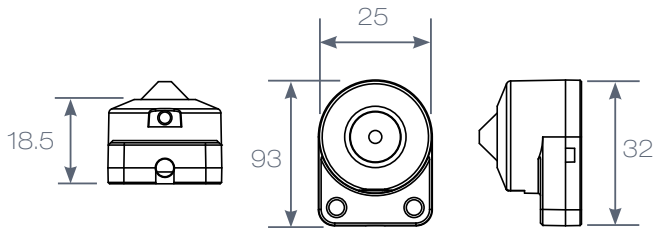


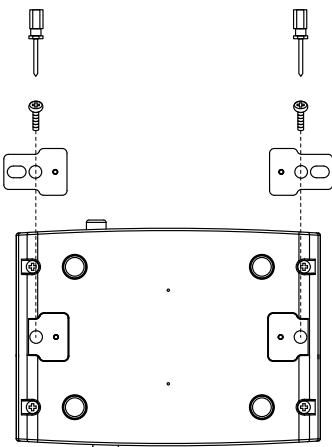
Image sensor module : Ø25 x 32mm



## Installation :

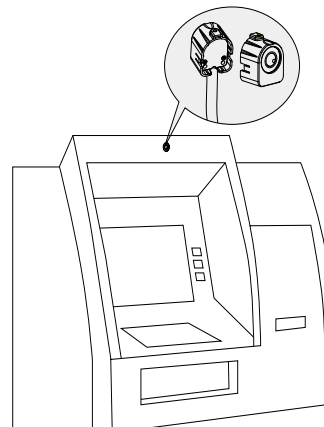
### ✓ Main Unit Installation

Use the screw driver to fix the iron plates on the bottom base and then put the provided screws (M4.0 x 25, wooden screw) through the holes, and fix the main unit in the desired position.



### ✓ Sensor Unit Installation

Drill a hole with 3mm diameter in the panel or wall, pull off the protection on the adhesive and attach the straight mounting bracket to the panel. Insert the sensor unit into the bracket, and fasten with the screw.



## SPECIFICATIONS :

Name			1080P HD Covert IP Camera		
Model			IPC0122P3		
Lens	Focal length		3.7 mm (Pinhole)		
	Iris		F2.8		
	Angle of view	H	100°		
		V	56°		
		D	114°		
Pick Up Element			1/2.7" CMOS image sensor		
Effective Pixels			1920 (H) x 1080 (V) = 2,073,600 (pixel)		
Chip Size			5.856mm (H) x 3.276mm (V)		
Scanning System			Progressive Scan		
Min. Illumination			1.5 Lux at F2.8		
White Balance			Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2		
Back Light Compensation			Off / On		
Electrical Shutter			1/30s – 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)		
Image Effects			Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip		
Live Video Output			CVBS 1.0Vp-p, 75 ohm, RCA connector		
Audio Input / Output			Mono, 1.4 Vp-p , 50 KΩ , 3.5mm phone jack		
Image Sensor Module Input			RJ-12 , 6 Pins		
Operating Temperature			-25°C – +50°C (-13°F – 122°F)		
Dimension			Main module : 130mm(W) x 35mm(H) x 93mm(D) , Image sensor module : Ø25 x 32mm		
Weight			Main module : 300g , Image sensor module : 180g		
Power Supply			DC12V ±10% / PoE (IEEE 802.3af compliant)		
Power Consumption			DC12V, 6W / PoE, 7.5W		

Network			
Video Compression		H.264 , Motion JPEG	
Resolution		1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)	
Multiple profile	Profile #1	H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 720 x 480	
	Profile #2	H.264 : up to 30 fps @ 1280 x 720 , MJPEG : up to 30 fps @ 352 x 240	
	Profile #3	H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 1280 x 720	
	Profile #4	H.264 : up to 30 fps @ 720 x 480 , MJPEG : up to 15 fps @ 1920 x 1080	
Video Streaming		RTP/HTTP, RTP/TCP, RTP/UDP, Multicast	
Video Bitrate		128Kbps – 5Mbps	
		Frame rate and bit rate controllable on-the-fly	
		VBR / CBR / GOP supported	
Security		Base64 HTTP encryption	
		Multiple user access levels with password protection	
		10 user accounts available	
Users		8 simultaneous users	
ePTZ & Digital Zoom		Yes, ROI is supported	
OSD		Text overlay for date, time, and camera name	
Alarm Function		Alarm / motion / tampering detection triggering recording into SD card	
		Image upload over HTTP, FTP, and E-mail by tampering / audio / motion detection	
CPU, Memory		Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory	
Maintenance		Firmware update via HTTP	
		Firmware available at web site	
Network Interface		10/100Mbps Base-T, RJ-45	
PC Requirement		OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8	
		Browser : Windows Internet Explorer 6.0 or above	
		CPU : Intel Pentium 4 1.8GHz or above	
		RAM : 1GB or above, Independent Display Card	
Network Protocols		IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, Bonjour	
Mobile Phone and PDA		iPhone, iPad, and Android support	
System Integration		ONVIF & LILIN HTTP API	
CMX		CMX 3.6 / NAV 1.0 support	
Video Display		LILIN Universal ActiveX & LILIN Java Applet	
OS		Embedded Linux 2.6.32	
Two-way Audio		G.711 / PCM	
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)	
Control Interface		RS-485 , Half-Duplex , support MLP2 , Pelco D/P protocols	
Sensing Input Interface		Temperature, humidity, PIR and light intensity reading interfaces (optional)	





## About LILIN

LILIN, a global IP video manufacturer of IP video cameras, recording devices, and software with over 30 years of experience. Throughout the years, the company has maintained its dedication to *Creativity, Progress, and Excellence* providing expertise in digital video with a strong focus on innovation.

Established in New Taipei City, Taiwan in 1980, the company has quickly grown to be among the world's leading manufacturer in the advanced IP video surveillance industry. LILIN is proud to have strong relationships with over 50 valued software and integration partners, and is recognized as the first camera company to become ONVIF-conformant.

### LILIN Taiwan Headquarters

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