

IPC0422E4

1080P Stainless Fixed IR Dome IP Camera

Covert
SERIES

A discreet camera is designed for installation within various housings to maintain a discreet profile. For instance, it can be embedded in ATM machines, smoke detectors, and other common objects, enabling covert surveillance and recording without being noticed.

2MP



- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Stainless dome camera module
- Digital PTZ supported
- Tampering / Audio / Motion detection alarm function
- High efficiency IR LED, radiant distance up to 16m
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 2 in, 1 out
- ONVIF Profile S supported
- SD card supported



Video Performance	
Min. Illumination	Color : 0.1 Lux at F2.0 ; B/W : 0.05 Lux at F2.0 ; 0 Lux with IR LED ON
Lens / Night Vision (Infrared LED)	
Focal Length	4 mm
Iris	F2.0
Iris Control	Fixed IRIS
Angle of View	94° (H) , 50° (V) , 102° (D)
Peak Wavelength	850nm
Beam Spread	60° , 90°
Radiant Distance	16M
Sensor	
Pick Up Element	1/2.7" CMOS image sensor
Effective Pixels	1920 (H) × 1080 (V) = 2,073,600 (Pixels)
Chip Size	5.856mm (H) x 3.276mm (V)
Certifications	
CE / FCC	Yes, EMI Class A
IP Rating	IP66 (Image sensor module only)
PC Requirements	
CPU	Intel® Core™ i3 or higher grade
OS	Windows 7 or above
RAM	1GB or above, Dedicated Graphics Card
Web Browser	Microsoft® Internet Explorer® 9 or above
Input / Output	
Audio Input / Output	Mono, 1.4 Vp-p, 50 KΩ, 3.5mm phone jack
Audio	Two-way Audio, G.711 u-law / PCM, External Microphone Required
Alarm Input / Output	Digital 2 input (TTL, +3 – 5VDC) / 1 Output (Relay dry contact N.O. / N.C., Load max. 24VDC/1A)
Live Video Output	CVBS 1.0Vp-p, 75 ohm, RCA connector
Video Streaming	
Video Compression	H.264, Motion JPEG
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
Number of Streams	4
Video Bitrate	128Kbps – 8Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported
Network Security	
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
Video Resolutions (H x V)	
Resolution	2MP(1920 × 1080), 1MP(1280 × 720), D1(720 × 480, 720 × 576), CIF(352 × 240)
Maximum Frame Rate	H.264 / MJPEG : up to 30 fps @ 1920 × 1080

Video Functions	
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono) / Schedule
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation	Off / On
Electrical Shutter	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)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip
Integration	
Mobile Application	Integrated to LILIN mobile app (LILIN Pro) iPhone, iPad, Android support
Video Management	ONVIF Profile S, LILIN Navigator Enterprise 2.0, Third party VMS through LILIN HTTP API
SD Card Recording	Support Micro SD/SDHC card for circular recording (card is not included)
Maintenance	Firmware update via HTTP and IP Scan; Firmware available at website
Event Triggers	Motion / Tamper / Audio / Alarm / Network loss detection
Event actions	FTP / SMTP / HTTP post / SD card / SAMBA / SNMP Trap / Alarm Output / Push Service notification
Control Interface	RS-485 , Half-Duplex , support MLP2 , Pelco D/P protocols
Network	
Ethernet	10/100 Mbps Base-T (Tx), RJ-45
ePTZ & Digital Zoom	Yes, ROI (Region of Interest)
OSD	Text overlay for date, time, and camera name
CPU, Memory	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
OS	Embedded Linux 2.6.32
Network 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
Max number of online users	8 simultaneous users
Video Display	LILIN Universal ActiveX & LILIN Java Applet
Power and Environment	
Starting Temperature	0° C – +50° C (32° F – 122° F)
Operating Temperature	-25° C – +50° C (-13° F – 122° F)
Storage Temperature	-25° C – +60° C (-13° F – 140° F)
Humidity	0% – 90% RH
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 7.5W / PoE, 8.5W
Mechanical	
Dimension	Main module : 130(W) × 35(H) × 93(D) mm , Image sensor module : Ø67 × 58mm
Weight	Main module : 300g , Image sensor module : 700g (Stainless Dome)
Warranty	
Warranty	3 Year(s)