

IPC0522E2 1080P Fixed IR Door Station IP Camera



Dimensions

114(W) × 250(H) × 34(D) mm



- ▶ Full HD 2 megapixel CMOS image sensor
- ▶ 2D WDR function
- ▶ Digital PTZ supported
- ▶ Motion / Tamper / Alarm detection
- ▶ High efficiency IR LED & White LED, IR LED radiant distance up to 10m
- ▶ Day & Night (IR cut removable)
- ▶ Built-in highly sensitive microphone
- ▶ 2-way audio supported
- ▶ Digital I/O : 2 in, 1 out
- ▶ ONVIF Profile S supported
- ▶ SIP support
- ▶ Audio and video intercom
- ▶ RS-485 supported
- ▶ IP66 rain and dust resistant

One-button door station with high quality camera

Allows direct communication between you and your visitor

LILIN IPC0522 video call door station comes with an excellent intercom feature which provides echo free 2-way speech with visitors at the entrance. The unit supports SIP for easy integration with various IP phone systems and the use of PoE allows for installation with one single network cable.

Combined with an integrated high definition camera with WDR and excellent Sense Up+ low-light performance, the unit offers day and night identification of persons at the door. Everything from single-family apartment unit to multi-family houses can be equipped with the LILIN IPC0522 video call door station. It is effectively control entry to your premises.



Wind and Rain Standards

Meet international IP66 standards for dust and moisture resistant allowing you to install cameras in environments subject to wind and rain



Day and Night Operations via Removal of the IR-cut filter

IPC0522E2 camera was designed using a mechanical IR cut filter for increased IR sensitivity resulting in improved night time images. The removable IR-cut filter allows day and night operations even in the low lux condition providing outstanding vision



Back Light Compensation

Back Light Compensation (BLC) adjusts the exposure of the entire image to properly expose the subject in the foreground. No matter if the main object is moving toward left, right, upper, lower, or any location in the screen, BLC provides perfect exposure for an object in front of strong back light



Sense Up+

Deliver outstanding video outputs in poor light conditions without experiencing motion blur. You can see video clearly even during nighttime without sufficient lighting support



3D Noise Reduction

Remove noise from a signal. Suppressing noise in an image in low light conditions and able to retain quality videos at the same time



Wide Dynamic Range (WDR)

Wide Dynamic Range (WDR) displays details of both the brightest and darkest areas. WDR can extend image visibility under high contrast lighting scenes and improve image quality



Privacy Masking

Privacy Masking is a feature used to protect personal privacy by concealing private areas in the camera's field of view. Doorways and house windows for example are not subject to surveillance



Video Security App

Available on Android and iOS – LILINViewer app provides security alarm push notification, real-time live viewing, and remote video playback



SD Cards in Sync with NAV Software

IPC0522E2 camera with built-in Micro SD/SDHC/SDXC card slots can provide redundant video viewing and recording. You can synchronize an SD card with LILIN VMS (Video Management Software) – Navigator (NAV)



Alarm Detection

Alarm Detection is designed to provide the electronic detection of intruders



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Video Performance

Model	IPC0522E2
Min. Illumination	Color : 0.5 Lux at F1.8, B/W: 0.1 Lux at F1.8; 0 Lux with IR LED ON

Power and Environment

Starting Temperature	-10°C – +50°C (14°F – 122°F)
Operating Temperature	-40°C – +50°C (-40°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, 10.5W / PoE, 12W

Lens / Night Vision (Infrared LED)

Focal Length	2.1mm
Iris	F1.8
Iris Control	Fixed IRIS
Angle of View	129° (H) 69.4° (V) 146.3° (D)
Peak Wavelength	Infrared LED (850nm) and White LED
Beam Spread	60°(Infrared LED) , 90°(White LED)
Radiant Distance	10 M (Infrared LED) , 3 M (White LED)

Sensor

Pick Up Element	1/2.7" CMOS image sensor
Effective Pixels	1920 (H) × 1080 (V) = 2,073,600 (Pixels)
Motion Sensor	PIR, Detection Area 94°(H) / 82°(V), Detection range 5M (max.)
Light Sensor	Visible-light detection range 1-1000 Lux

Certifications

CE	Yes, EMI CLASS A
FCC	Yes, EMI CLASS A
IP Rating	IP66

PC Requirements

CPU	Intel® Core™ i3 or higher grade
OS	Windows 7 or above
RAM	4GB or above, Dedicated Graphics Card
Web Browser	Microsoft® Internet Explorer® 9 or above

Mechanical

Dimension	114(W) × 250(H) × 34(D) mm
Weight	850g
Casing Material	Matte aluminum black or brushed aluminum black faceplate finish

Input / Output

Audio	Two-way Audio, G.711 u-law/ PCM / AAC with echo cancelation, Built-in Microphone and speaker
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 main and high profile, Motion JPEG
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 configurable streams in H.264 and Motion JPEG, configurable frame rate and bandwidth
Number of Streams	4
Video Bitrate	128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported

Intercom

Mount Type	Surface mount
Intercom	True H.264 video and 2-way audio
Microphone	Voice pick up from 3 meters away
Speaker	2 Watts
Keypad	One doorbell button

Network Security

Encryption	Base64 HTTP encryption, HTTPS encryption, DDNS via HTTPS
Authentication	Digest HTTP authentication, RTSP authentication, 802.1x
Address Filter	IP address filter, MAC address filter
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
Multi IP Address	Yes

Video Resolutions (H x V)

Resolution	2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), 720 x 400, VGA(640 × 480), 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 / Custom
Back Light Compensation	Off / On
Electrical Shutter	1/30(1/25)s – 1/30000s
Sense Up	Off / 1 Frame / 2 Frames
Sense Up+	Yes
Auto Gain Control	42dB 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, Lens Distortion Correction
Lens distortion correction (LDC)	Yes

Integration

Mobile Application	Integrated to LILIN mobile app (LILIN Viewer) 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/SDXC 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 / PIR detection / RING Button detection / QR code
Event actions	FTP / SMTP / HTTP post / SD card / SAMBA / SNMP Trap / Alarm Output / Push Service notification
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese

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, 816 MHz ARM Cortex-A9, 512MB DDR3, 256MB flash memory
OS	Embedded Linux 3.8.0
Network Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour , SIP , 802.1x , SSL/TLS
Max number of online users	10 simultaneous users
Video Display	LILIN Universal ActiveX & HTML5
WiFi	One doorbell button

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