

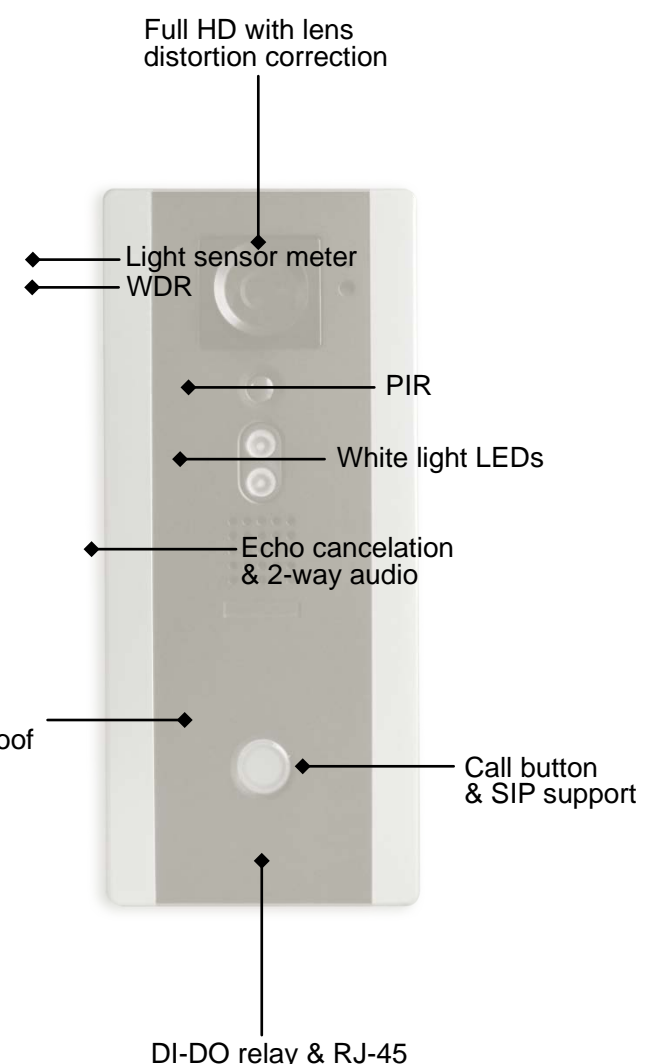
IPC series | Audiovisual access control

# IPC0522 IP Video Call Door Station

www.meritlilin.com



- ▶ Remote door entry control system
- ▶ Call button LED flashes while call active
- ▶ Weather-resistant design is suitable for indoor and outdoor installation
- ▶ IP66 rain and dust resistant
- ▶ Audio and video intercom
- ▶ SIP support
- ▶ Wide Dynamic Range
- ▶ Motion, tamper and alarm detection
- ▶ Full HD 1080p resolution
- ▶ Attractive brushed / matte black aluminum finish



## 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.

## ONVIF-conformant

Open Network Video Interface Forum (ONVIF) is a standard for physical IP based security products. IPC0522 video call door station is ONVIF Profile S conformant



## SD Cards in Sync with NAV Software

IPC0522 video call door station 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)



## Two-way Audio Support

With 2-way audio communication, you can project your voice through the camera's speaker instead of hearing what's going on (1-way audio)



## 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



## Video Security App

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



## Wind and Rain Standards

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



## Wide Dynamic Range

An Wide Dynamic Range (WDR) image is made by taking 3 frames of the same scene and each at different shutter speeds to display details of both the darkest and brightest areas. WDR can extend image visibility under high contrast lighting scenes and improve image quality



## Alarm Detection

Alarm Detection is designed to provide the electronic detection of intruders



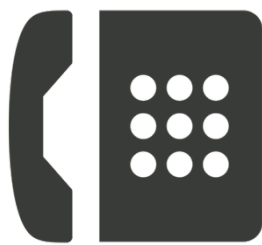
## Easy installation

Surface mount design for easy installation on virtually any flat surface



## Video Intercom

Video intercom enabled touch screens to provide you the ability to monitor and communicate with your gate or front doors



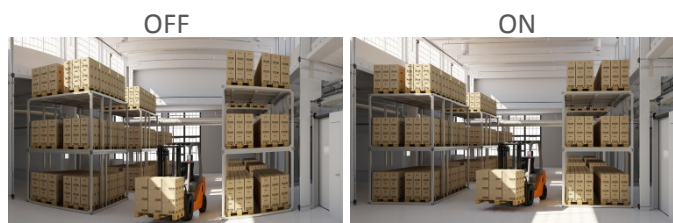
## Privacy Masking

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



## Lens Distortion Correction (LDC)

Lens distortion correction help offset imperfections present in camera images. This appears as otherwise straight lines bending outwards or inwards



## Acoustic Echo Cancellation (AEC)

Provides clear conversations by removing the far end echoed speech signal from the microphone signal



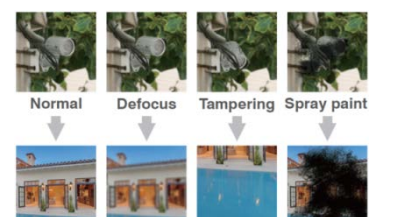
## Motion Detection

Detect motion and capture the event. Motion in the selected area will provoke an alert.



## Tamper Detection

Automatically detects camera sabotage or failure. Detects any attempts to tamper with the camera – partially or completely blocking its lens or field of view





## Day & Night IP Video Call Door Station

Camera	
Image sensor	1/2.7" Progressive scan CMOS
Effective pixels	1920 (H) x 1080 (V)
Infrared cut filter	Auto / Schedule / Day (color) / Night
White balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor
Back light compensation	Off / On
Sense Up	Off / 1 Frame / 2 Frames
Sense Up+	Yes
Auto Gain Control	36dB variable gain
2D WDR	Off / Auto / x2 / x3 / x4
Privacy masking	Off / On (4 zones)
ePTZ	Yes
Live video output	CVBS 1.0Vp-p, 75 ohm, connector (cable with RCA)
Light sensor	Visible-light detection range 1-1000 Lux
Motion sensor	PIR, Detection Area 94°(H) / 82°(V), Detection range 5M (max.)

Certifications	
CE	Yes, EMI CLASSA
FCC	Yes, EMI CLASSA
IP rating	IP66 waterproof

Lens		
Model#	IPC0522E2	IPC0522E6
Focal length	2.1mm	6.0mm
Iris	F1.8	F2.0
Angle of View	F.HOV 129°	H 54.4°, V 31.3°, D 62.1°
Min. Illumination	Color: 0.5 Lux at F1.8, B/W: 0.1 Lux at F1.8, 0 Lux with IR LED ON	Colour: 0.6 Lux at F2.0, B/W: 0.2 Lux at F2.0, 0 Lux with IR LED ON
Shutter time	1/30(1/25) s-1/30000s	
Lens distortion correction (LDC)	Yes	

Power		
Model#	IPC0522E2	IPC0522E6
Power consumption	DC12V, 10.5W / PoE, 12W	
Power supply	DC12V ±10% / PoE (IEEE 802.3af compliant)	

Video	
Video compression	H.264, Motion JPEG
Resolutions	1920 x 1080 / 1280 x 720 / 720 x 480 / 640 x 480 / 352 x 240
Frame rate	H.264: up to 30fps @ 1920 x 1080 MJPEG: up to 30fps @ 720 x 480
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP
Image settings	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Lens Distortion Correction
IP address filter	Yes
RTSP Authentication	On / Off

Audio	
Audio	Two-way Audio, G.711 u-law/ PCM / AAC with echo cancelation, Built-in Microphone and speaker
3D Noise Reduction	Off / 1-32 selectable
Audio input/output	Built-in microphone and speaker

PC requirement		
Model#	IPC0522E2	IPC0522E6
OS	Windows 7, Windows 8 and later	Windows 7, Windows 8, Windows 10
Browser	Windows Internet Explorer 10 and later	Microsoft® Internet Explorer® 9.0 and later
CPU	Intel Core 2 Duo E6400 2.13GHz or above	Intel i3 or above
RAM	2GB or above, Independent Display Card	4GB or above, Dedicated Graphics Card

Network		
Model#	IPC0522E2	IPC0522E6
Protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF, SNMP, SIP	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
Mobile phone	iPhone, iPad and Android	Integrated to LILIN mobile app (LILIN Viewer), iPhone, iPad, Android support
Video bitrate	128Kbps-8Mbps Frame rate and bit rate controllable on-the-fly VBR / CBR / GOP supported	
OS	Embedded Linux 3.8.0	
OSD	Text overlay for date, time, and camera name	
Video display	LILIN Universal ActiveX & LILIN Java Applet	
Multi IP address	Yes	

Integration		
Model#	IPC0522E2	IPC0522E6
Application programming interface	Open API for integration including LILIN camera application platform	
SIP support	Yes	
ONVIF	Profile S	
Alarm event triggers	Motion / Tamper / Audio / Alarm / Network loss / PIR detection / RING Button detection	Motion / Tamper / Audio / Alarm / Face detection / Network lost detection / PIR detection / RING Button detection
Alarm event actions	FTP / SMTP / HTTP post / SD card / SAMBA / SNMP Trap / Alarm Output / Push Service notification	FTP / SMTP / HTTP post / SD card / SAMBA / SNMP Trap / Alarm Output / Push Service notification
Alarm weighted mode	Yes	

General		
Model#	IPC0522E2	IPC0522E6
Casing	Matte aluminum black or brushed aluminum black faceplate finish	
CPU, Memory	Embedded SoC, 816 MHz ARM Cortex-A9, 512MB DDR3, 256MB flash memory	
Connectors	0 E S V % D V H 7	
SD card recording	Support Micro SD/SDHC/SHXC card for circular recording (card not included)	
Operating conditions	-40°C~55°C (-40°F~131°F)	-40°C-50°C
Dimensions	114mm (W) x 250mm (H) x 34mm (D)	
Weight	850g	
Approvals	CE · FCC	
Mounting option	Surface mount	
Warranty	LILIN 3-year warranty	
D/N quality setting	Yes	

Intercom	
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		
Model#	IPC0522E2	IPC0522E6
Max number of online users	10 users account available	
Access	Multiple user access levels with password protection	
Encryption	Base 64 HTTP encryption	Base64 HTTP encryption, HTTPS encryption, Digest HTTP authentication, RTSP Authentication

Illuminator	
Peak wavelength	Infrared LED (850nm) and White LED
Beam spread	60°
Radiant distance	3 meters

Others		
Model#	IPC0522E2	IPC0522E6
User accounts	8 simultaneous users	
Alarm input/output	Digital 2 input (TTL, +3 – 5VDC) / 1 Output (Relay dry contact N.O. / N.C., Load max. 24VDC/1A)	
Maintenance	Firmware update via HTTP Firmware available at <a href="http://www.meritlilin.com">www.meritlilin.com</a>	