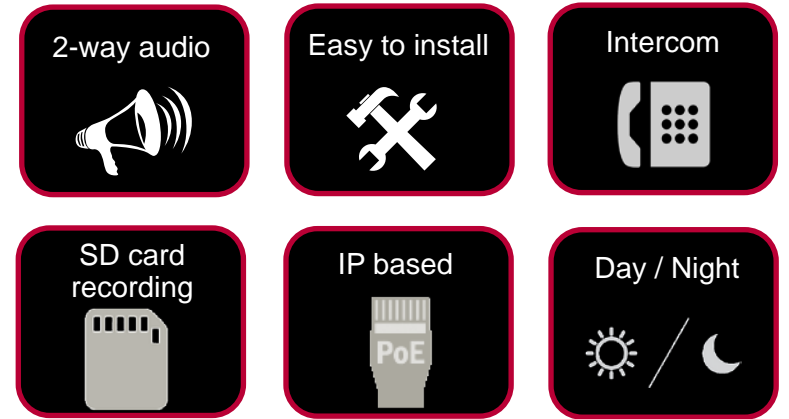


IPC series | Audiovisual access control

IPC0522E2 IP Video Call Door Station

www.meritlilin.com



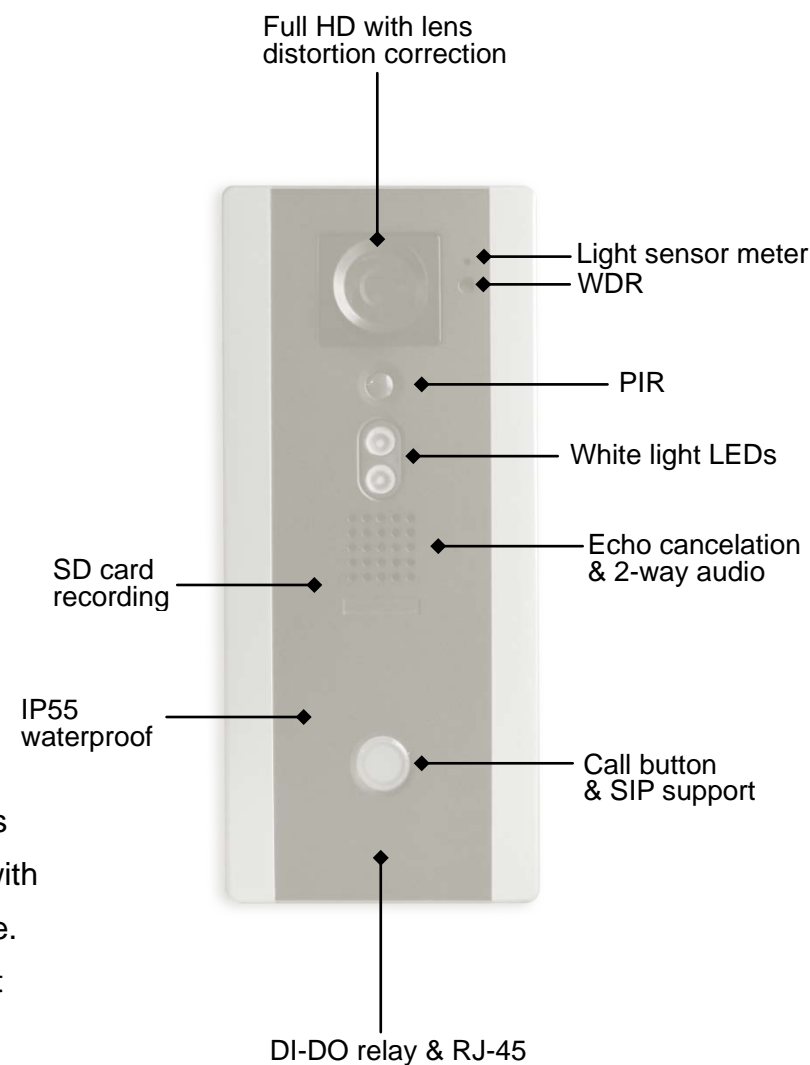
- ▶ Remote door entry control system
- ▶ Call button LED flashes while call active
- ▶ Weather-resistant design is suitable for indoor and outdoor installation
- ▶ Audio and video intercom
- ▶ SIP support
- ▶ Wide Dynamic Range
- ▶ Motion, tamper and alarm detection
- ▶ Full HD 1080p resolution
- ▶ Attractive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



One-button door station with high quality camera

Allows direct communication between you and your visitor

LILIN IPC0522E2 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 IPC0522E2 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. IPC0522E2 video call door station is ONVIF Profile S conformant



SD Cards in Sync with NAV Software

IPC0522E2 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)



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



Wind and Rain Standards

Meet international IP55 standards for dust and moisture resistant allowing you to install the door station in environments subject to wind and rain



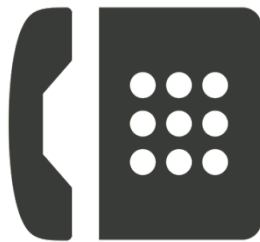
Alarm Detection

Alarm Detection is designed to provide the electronic detection of intruders



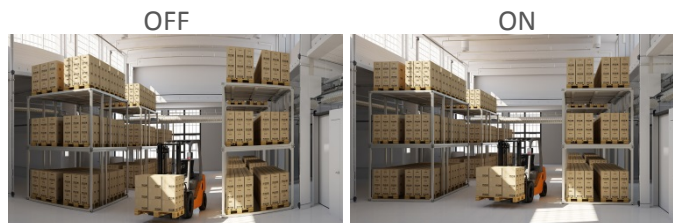
Video Intercom

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



Lens Distortion Correction (LDC)

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



Motion Detection

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



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



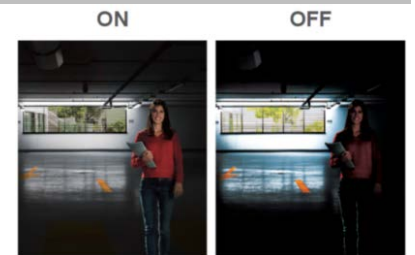
Video Security App

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



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



Easy installation

Surface mount design for easy installation on virtually any flat surface



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



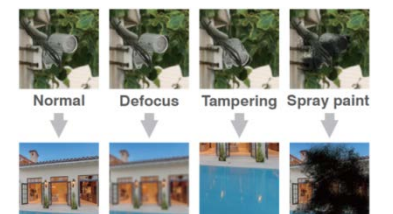
Acoustic Echo Cancellation (AEC)

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



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

Model#	IPC0522E2
Image sensor	1/2.7" Progressive scan CMOS
Effective pixels	1920 (H) x 1080 (V)
Infrared cut filter	Auto / Schedule / Day (colour) / Night (moo)
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.)

Lens

Focal length	2.1mm
Iris	F1.8
Angle of View	F.HOV 129°
Min. Illumination	Colour : 0.5 Lux at F1.8, B/W : 0.1 Lux at F1.8, 0 Lux with IR LED ON
Shutter time	1/30(1/25)s~1/30000s
Lens distortion correction (LDC)	Yes

Power

Power consumption	DC12V, 10.5W / PoE, 12W
Power supply	DC14V ±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

Audio

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

PC requirement

OS	Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8
Browser	Windows Internet Explorer 6.0 and later
CPU	Intel Core 2 Duo E6400 2.13GHz or above
RAM	2GB 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, SNMP, SIP
Mobile phone	iPhone, iPad and Android
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

Integration

Application programming interface	Open API for integration including LILIN camera application platform
SIP support	Yes
ONVIF	Profile S
Alarm function	Alarm / motion / tampering detection triggering recording into SD card Image upload over HTTP, FTP, and E-mail by alarm / motion / tampering / PIR detection

General

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	10Base-T/100Base-Tx, RJ-45
SD card recording	Support Micro SD/SDHC/SHXC card for circular recording (card not included)
Operating conditions	-25°C~50°C (-13°F~122°F)
Dimensions	114mm (W) x 250mm (H) x 34mm (D)
Weight	850g
Approvals	CE
IP rating	IP55 waterproof
Mounting option	Surface mount
Warranty	LILIN 3-year warranty

Intercom

Intercom	True H.264 video and 2-way audio
Microphone	Voice pickup from 3 metres away
Speaker	2 Watts
Keypad	One door bell button

Network security

User accounts	10 users accounts available
Access	Multiple user access levels with password protection
Encryption	Base 64 HTTP encryption

Illuminator

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

Others

Users	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 www.meritlilin.com