

Security Expert IP Intercom with Camera



Tough, durable, and extremely robust, the Security Expert IP Intercom with Camera is designed to meet the harshest of environments. VoIP capability allows the Intercom to communicate with any VoIP enabled device, including smartphones, providing the ability to grant entry from virtually anywhere.

Feature Highlights

- Vandal resistant design
- Fully VoIP compliant to allow communication with other Security Expert intercoms or third party VoIP devices including external phones
- Web based configuration
- Optional offline operation
- Call button can be programmed to dial a phone number or call another VoIP device
- Programmable auto-answer
- Provides a live video feed to a remote monitoring station, web browser or a ProtegeGX system.
- Interact with the Security Expert Integrated System Controller to allow control of devices such as lights and doors
- Optional expansion to allow local door control
- 12VDC power supply input or optional PoE

Vandal Resistant Construction

Vandal resistant body and stainless steel front plate protects against malicious damage. The robust construction provides full protection against the elements, making the Intercom suitable for virtually any environment.

VoIP Capabilities

Fully VoIP compliant, the Intercom can run as a standalone point-to-point intercom, or register as a phone on any VoIP capable PBX to allow normal call operation. Use with an optional VoIP server or PBX to allow complex call routing, enabling communication to multiple stations at once, calls to be routed to alternative stations if they are not answered, or calls to be diverted to different units based on a time schedule.

Web Interface

The web interface enables you to configure and deploy the intercom from a web environment for integration with a Security Expert system or for configuring standalone operation.

Standalone Operation

The intercom supports standalone operation, enabling you to manage customizable schedules and configure the intercom's onboard output for directly controlling a gate or door lock.

Programmable Auto-Answer

Programmable auto-answer feature provides the ability to receive broadcast announcements, or gives the remote caller monitoring capability allowing them to listen in.

Wide Angle Camera

Provides a live video feed that can be viewed from a remote monitoring station, from a web browser or from within a Security Expert or SP-C-WEB system.

Optional Power over Ethernet (PoE)

PoE simplifies installation and reduces costs. Because PoE runs data and power together over the same cable, it eliminates the time and overhead associated with AC outlet installations, while providing flexibility of the install location.

Protege Integration

Integration allows communication to any Security Expert workstation, and provides control of devices such as lights and doors.

Optional Expansion

Optional expansion to allow you to control the intercom's open collector output suitable for digital or relay control.

Installation Wiring

Power is provided via a suitable 12VDC supply or optional PoE. Ethernet connection allows for installations that use either a dedicated Security Expert network (recommended for multiple intercom installations) or that simply connect the Intercom and Security Expert Integrated System Controller to the buildings existing network.

Mounting Options

The intercom supports the following mounting options:

- For standard vertical installations, the intercom can be vertically mounted using a Clipsal 164/4 Flush Box with 3/4" and 1" knock-outs, top and bottom, for conduit entry
- For exterior installations, the intercom can be mounted using a Surface Mount Enclosure that is weather resistant and made from 304 stainless steel

Technical Specifications

Power Supply	
Operating Voltage	12VDC (10.5 - 14.0VDC)
Operating Current	350mA (Typical), 490mA (Max)
Power over Ethernet	IEEE 802.3af Class 2 (max. 6.49 W)
Communication	
10/100 Ethernet	VoIP, Module Network and PC Software
VoIP	
VoIP	SIP Protocol, G7.11 Codec
Environmental IP Rating	
IP Rating	IP54
Camera	
Resolution	720p (1280x720 pixels)
Viewing Angle	140° horizontal / 70° vertical
Frame Rate	15 fps
Speaker	
Speaker	2 x 8Ω, 1W RMS
Speaker Amplifier	1.5W, 0.1% THD
Max. Acoustic Output	85dB at 1m
Microphone	
Microphone Type	6mm Electret Condensing, Omnidirectional, -46dB Nominal Sensitivity, Signal/Noise ratio > 60dB
Mounting Options	
Flush Mounting	Clipsal 164/4 Flush Box
Wall Mounting	Surface Mount Enclosure
Screws	High Security TorxPlus Fasteners and Bit Set
Temperature	
Operating	5° - 55° Celsius (41° - 131° Fahrenheit)
Humidity	0%-85% (Non-Condensing)
Dimensions	
Dimensions	214 x 125 x 62.5mm (8.42 x 4.92 x 2.46")

Ordering Information

SX-IPI-C	Security Expert IP Intercom with Camera
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Regulatory Notices

Federal Communications Commission (FCC)

FCC Rules and Regulations CFR 47, Part 15, Class A.

This equipment complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; (2) This device must accept any interference received, including interference that may cause undesired operation.

Industry Canada

ICES-003

This is a Class A digital device that meets all requirements of the Canadian Interference-Causing Equipment Regulations.

CAN ICES-3 (A)/NMB-3(A)

RCM (Australian Communications and Media Authority (ACMA))

This equipment carries the RCM label and complies with EMC and radio communications regulations of the Australian Communications and Media Authority (ACMA) governing the Australian and New Zealand (AS/NZS) communities.

CE – Compliance with European Union (EU)

Conforms to European Union (EU) Low Voltage Directive (LVD) 2014/35/EU, Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU and RoHS Recast (RoHS2) Directive: 2011/65/EU.

This equipment complies with the rules of the Official Journal of the European Union for governing the Self Declaration of the CE Marking for the European Union as specified in the above directive(s).