Protege Vandal Resistant VoIP Intercom with Camera

Tough, durable, and extremely robust, the Protege Vandal Resistant VoIP Intercom is designed to meet the harshest of environments.

VoIP capability allows the Intercom to communicate with any VoIP enabled device, including mobile phones, workstations and other intercoms, providing the ability to grant entry from virtually anywhere.

Feature Highlights

- Vandal resistant design
- Noise reducing functionality to eliminate unwanted noise
- Fully VoIP compliant to allow communication with other Protege GX intercoms or third party VoIP devices including external phones
- Programmable auto-answer
- Call button can be programmed to dial a phone number or call another VoIP device
- Interacts with the Protege GX Integrated System Controller to allow control of devices such as lights and doors
- Provides a live video feed to a remote monitoring station, web browser or Protege system.
- Optional offline operation
- 12VDC power supply or PoE

Vandal Resistant Construction

Vandal resistant body 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 enable complex call routing, allowing communication to multiple stations at once, routing unanswered calls to alternative stations, or diverting calls to different units based on a time schedule.

Programmable Auto-Answer

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

Eliminate Unwanted Noise

Background noise and interference is reduced leaving clear speech, while voice pick-up can be achieved from 5 meters (16ft) away.

Protege Integration

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

Standalone Operation

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

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 Protege GX or Protege WX system.

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.

Installation Wiring

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

Technical Specifications

Ordering Information		
PRT-IPIC-POE-C		Protege Vandal Resistant VoIP Intercom with Camera
Power Supply		
Operating Voltage		12VDC (9 -16VDC)
Operating Current		1A
Power over Ethernet		IEEE 802.3af Class 3
Communication		
Communication protocol		SIP 2.0(RFC-3261)
Speech flow	Protocols	RTP/SRTP
	Decoding	G.722 G.711U G.711A G.723.1 G.726-32 G.729AB Codecs
	Audio Amplifier	3W
	Volume Control	Adjustable
	Full duplex speakerphone	Support (AEC)
Port	Recording output	One (3.5mm terminal block)
	Short circuit input	One (3.5mm terminal block)
	Short circuit output	One Form C relay (3.5mm terminal block) 24V DC 1A
	WAN port	10/100BASE-TX s Auto-MDIX, RJ-45
	Cables	CAT5 or better
Camera		
Resolution		960p (1280x960 pixels)
Viewing Angle		115° horizontal / 87° vertical
Frame Rate		30 fps
Audio		
Microphone		Omnidirectional
Speaker		TY 4 ohm 3W
Dimensions		
Wall-Mounted		223 x 130 x 74mm (8.77 x 5.11 x 2.91")
In-Wall		270 x 150 x 61mm (10.6 x 5.9 x 2.4")
Net Weight		1400g (49.4oz)
Gross Weight		1640g (57.8oz)
Environment		
Environmental IP Rating		IP65
Working Temperature		-40° to 70° Celsius (-40° to 158° Fahrenheit)
Storage Temperature		-40° to 70° Celsius (-40° to 158° Fahrenheit)
Working Humidity		10% to 90%

Regulatory Notices

For a full regulatory and approval list please visit the ICT website.

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 where applicable to European Union (EU) Low Voltage Directive (LVD) 2014/35/EU, Electromagnetic Compatibility (EMC) Directive 2014/30/EU, Radio Equipment Directive (RED)2014/53/EU and RoHS Recast (RoHS2) Directive: 2011/65/EU + Amendment Directive (EU) 2015/863.

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 directives.

Security Grade 4, Environmental Class II, EN 50131-1:2006+A2:2017, EN 50131-3:2009, EN 50131-6:2008+A1:2014, EN 50131-10:2014, EN 50136-1:2012, EN 50136-2:2013, EN 60839-11-1:2013, Power frequency magnetic field immunity tests EN 61000-4-8, Readers Environmental Class: IVA, IK07.

UK Conformity Assessment (UKCA) Mark

This equipment carries the UKCA label and complies with all applicable standards.

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.
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

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

Designers & manufacturers of integrated electronic access control, security and automation products.
Designed & manufactured by Integrated Control Technology Ltd.