Protege Vandal Resistant VoIP Intercom with PoE

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 smartphones, 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

> HD Voice Quality

> Allows local door control

> 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.

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.

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.

Protege Integration

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

Technical Specifications

Ordering Information	
PRT-IPIC-POE	Protege Vandal Resistant VoIP Intercom

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.729 G.723 G.711 G.722 G.726 Codecs
	Audio Amplifier	2.5W
	Volume Control	Adjustable
	Full duplex speakerphone	Support (AEC)
Port	Recording output	One (3.5mm terminal block)
	Short circuit input	Two (3.5mm terminal block)
	Short circuit output	Two Form C relays (3.5mm terminal block) 24V DC 1A
	WAN port	10/100BASE-TX s Auto-MDIX, RJ-45
	Cables	CAT5 or better

Audio	
Microphone	Omnidirectional
Speaker	TY 4 ohm 3W

Dimensions	
Overall dimensions	195 x 120 x 39mm (7.67 x 4.72 x 1.53")
Net Weight	960g (33.9oz)
Gross Weight	1200g (42.3oz)

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 95%

Regulatory Notices

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)

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

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