



Inovonics Wireless Receiver Module

The Protege Inovonics Wireless Receiver Module is designed to facilitate integration between Protege systems and wireless Inovonics devices.

It utilizes the Inovonics EN4200 EchoStream receiver to translate incoming Inovonics signals so they are understood by Protege controllers.



Feature Highlights

- > Connects to the Protege controller via RS-485 or Ethernet
- > Convenient Web interface for easy network setup
- > Connects up to 255 Inovonics devices to your Protege system
- > Links Inovonics remotes to Protege users for access control
- > Includes a 7A 250V Max resistive FORM C relay output
- > Firmware upgrade via Trivial File Transfer Protocol (TFTP)
- > Protege trouble inputs monitor low battery on Inovonics devices
- > Available in two wireless frequency variants

Secure Connection

The Inovonics module has the ability to connect to a Protege controller via RS-485 or Ethernet.

Link Inovonics Devices

Each module links up to 255 Inovonics devices such as wireless PIRs and remotes to the Protege system.

Link Inovonics Remotes

The module links Inovonics remotes to Protege users so they can access doors controlled by Inovonics devices.

Web Interface

The web interface provides convenient access to configure and manage the module's settings. You can also monitor the status of the interface board and view version information.

Wireless Frequencies

The Inovonics module is available in two variants.

PRT-IVO-IF is for use in:

- > The US (902-928 MHz)
- > Australia (915-928 MHz)
- > New Zealand (922-928 MHz)

PRT-IVO-IF-EU is for use in the EU region (868-870 MHz).

Relay Output

The module has one onboard FORM C relay output which can be used to control lighting or signage.

Battery Monitoring

Trouble inputs monitor battery function on connected Inovonics remote devices and generate events to indicate battery level.

Firmware Upgrade

Firmware upgrades can be performed via Trivial File Transfer Protocol (TFTP).

Technical Specifications

Ordering Information	
PRT-IVO-IF	Protege Inovonics Wireless Receiver Module (for use in the US, AU, NZ)
PRT-IVO-IF-EU	Protege Inovonics Wireless Receiver Module (for use in the EU region)
Power Supply	
Operating Voltage	11-14V DC
Operating Current	160mA @ 13.0V DC (Typical)
Communication	
RS-485	Module Network
Ethernet	1 10/100Mbps Ethernet Communication Link
Operating Frequencies	902-928 MHz (US) 915-928 MHz (AUS) 922-928 MHz (NZ) 868-870 MHz (EU)
Outputs	
Relay Output	1 Form C Relay - 7A 250V Max resistive
Dimensions	
Dimensions (L x W x H)	162.0mm x 91.4mm x 27.9mm (6.38 x 3.60 x 1.10")
Net Weight	180g (6.4oz)
Gross Weight	240g (8.5oz)
Operating Conditions	
Operating Temperature	-10° to 55°C (14° to 131°F)
Storage Temperature	-10° to 85° C (14° to 185° F)
Humidity	0%-93% non-condensing, indoor use only (relative humidity)

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.

Designers & manufacturers of integrated electronic access control, security and automation products.
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