COMMUNICATION PRODUCTS

POST X IP Internet Reporting Module (CRX-POSTX)

CRX POSTX IP Internet Reporting Module

The PostX Internet Reporting Module is designed to allow the convivial establishment of TCP/IP Internet based alarm communication, converting any Contact ID product to IP reporting.

The PostX IP Internet Reporting Module is designed to allow the simple establishment of TCP/IP Internet based alarm communication.

Converting any CID compatible alarm, building automation, medical dialer or similar product to a programmable polled IP communication device with a back up PSTN solution.

Installation

Install between the phone line from your existing alarm or dialing solution and insert the PostX module. Connect the 10/100 Ethernet to a suitable source and you are ready to go with a simple web configuration interface.

Line Emulation Interface

The PostX features a full SLIC (Subscriber Line Interface Circuit) that emulates any PSTN phone line.

- Indication is provided when the panel goes 'Off Hook' and begins communication.
- Interfaces to any alarm or CID product and provides full phone voltages.
- Full CID receiver emulation.

IP Reporting Formats

The PostX is an open solution that does not rely on custom or proprietary receiving equipment. Ensuring a multiple sourced solution that is compatible with a large number of central stations.

- CID Over IP using standard text based sending.
- LS-30 Patriot IP Receiving Task.
- AlarmNZ direct with user authentication.
- ArmorIP reporting with Ademco 685 receiving compatibility.
- E-Mail on event and E-Mail on event log full.
- UDP and TCP Transmission.

Encryption

Encryption available with many configurable options to allow a client to secure their own solution using their own keys.

- Industry standard AES encryption.
- Configurable from 128, 192 or 256 bit.

E-Mail

Inputs can send e-mail using SMTP protocol.

Hardware

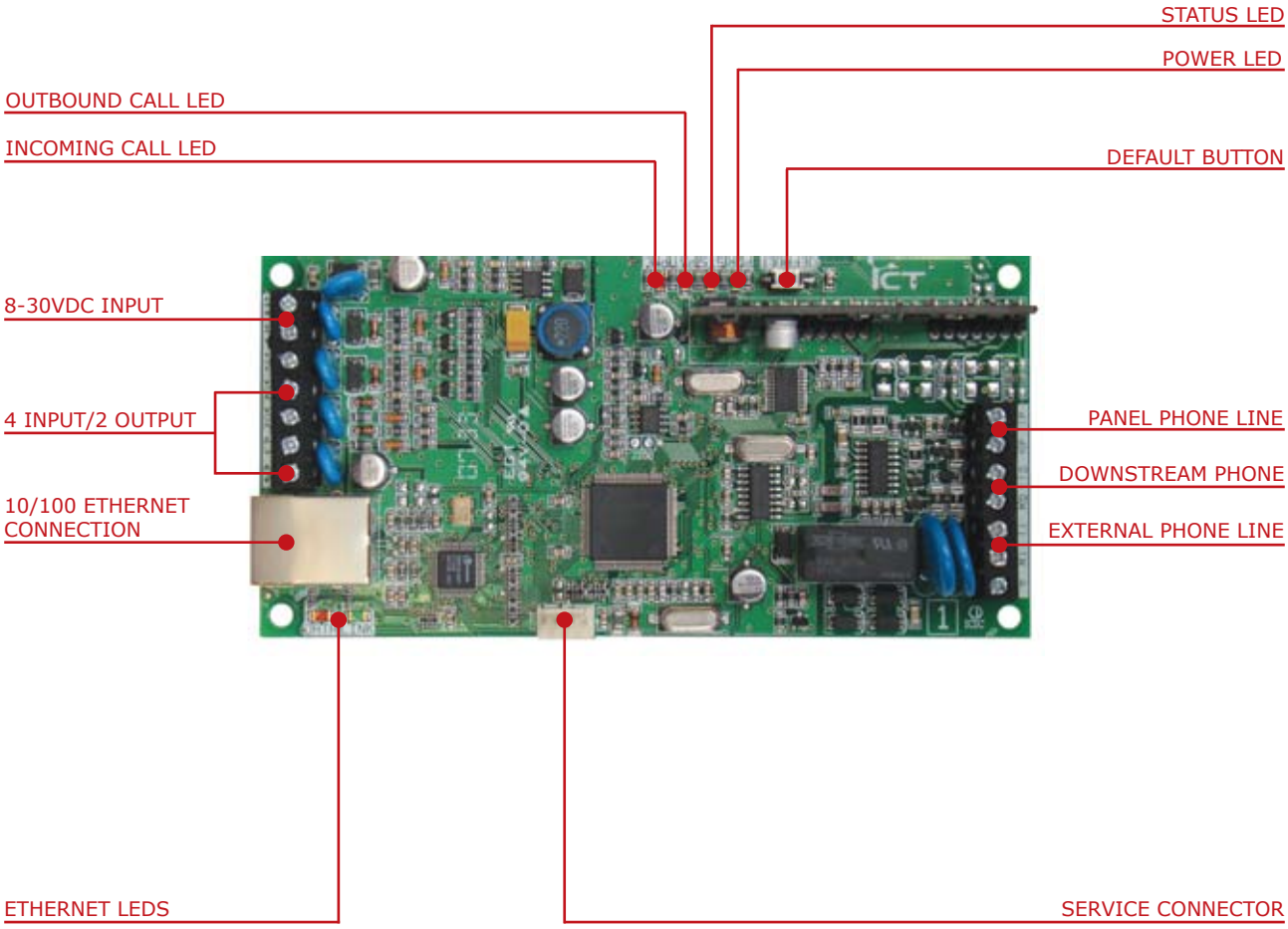
A complete embedded solution the PostX can be installed within many different industry segments.

- Operates from 8-30VDC to allow communication in security applications and industrial automation.
- 10/100 Ethernet interface compatible with many new switches and internet cabling standards.
- Full MDIX Ethernet interface.
- Indication of data transmission and link up.
- 4 Inputs with 2 configurable as outputs allow two way communication.
- Small physical size allows placement inside existing alarm control cabinets or automation enclosures.

Back-Up Communication

Onboard modem allows downstream back up and communication using existing PSTN solution.

- Phone and Account Number replacement options.
- Back up on PSTN link in the event of Ethernet reporting failure.



Technical Specifications

Power	Operating Voltage Operating Current	8-30VDC 85mA
Cabling	Ethernet Power and Inputs	Standard Cat5 or Cat6 Alarm 0.5m Cable
Inputs	Multiple Function Input Only Total Zone Inputs	2 2 4
Ouputs	Shared With Inputs	2
Reporting Formats	CID ArmorIP E-Mail Reporting	Patriot LS-30 CIDoIP CID AlarmNZ CID Text Only ArmorIP® ArmorIP® Encrypted Standard SMTP Protocol
Temperature	Operating Storage Humidity	5° to 45°C (41° to 113°F) 5° to 75°C (41° to 167°F) 10-90% RH (Non Condensing)
Dimensions	Height Width Length Weight	13mm (0.51”) 70mm (2.75”) 130mm (5.11”) 170gms (5.99 ounces)
The size of conductor used for the supply of power to the PostX should be adequate in size to prevent voltage drop at the power terminals of no more than 5% of the rated supply voltage. It is recommended that a standard molded Ethernet cable be used for the connection of the PostX to the Ethernet network.		

ICT CODE: 245--001 V: 81B2

International Compliance Standards:
The POSTX IP Internet Reporting Module complies with the following international standards.
For an installation of the POSTX IP Internet Reporting Module to comply with any of the standards all installation procedures and programming configuration settings must be made in accordance with the required standard.

Disclaimer:
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Designed and manufactured by:
Integrated Control Technology Limited

Integrated Control Technology Limited
Unit C, 6 Ascension Place, Mairangi Bay, Auckland, P.O. Box 302-340, North Harbour, Auckland, New Zealand
P +64 9 476 7124, F +64 9 476 7128
support@integratedcontroltechnology.com
www.integratedtechnology.com
Designers and manufacturers of integrated electronic access control, security and building automation products.