PARADOX
SECURITY SYSTEMS

PCS300

Universal IP Reporting Module

Description

The PCS300 Universal IP Reporting Module provides security control panels with wireless communication capabilities to report system events via IP, GPRS, and/or GSM, to up to two Paradox IPR512 GPRS/IP Monitoring Receivers.

Configuring and monitoring the status of the PCS300 is done using the PCS300 Web Interface page. The configuration can be done either remotely through IP or by direct connect to a PC.

The PCS300 can also be programmed to send SMS text notifications when an input is activated or deactivated and/or when a trouble occurs. Also, its firmware can be upgraded on-site (IP) or remotely through IP or GPRS (via the GPRS Module) using the Paradox In-Field Upgrade Software.

Features

- Report events via IP, GPRS, and/or GSM (GPRS/GSM requires GPRS Plug-in Communicator Module)
- Report in conjunction with landline or as a backup
- Supports two IPR512 GPRS/IP Monitoring Receivers; each with separate, unique reporting sequences
- Module configuration and status via the PCS300 Web Interface page
- Support for up to two inputs with report activation capability, including SMS notification
- Firmware upgrades via IP or GPRS
- Supports standard GSM provider SIM cards
- Report via text message (up to eight cell phone numbers)
- Supports multiple languages for both the Web Interface and SMS
- 256-bit (AES) encryption for IP/GPRS reporting and Web Interface

PCS300 Overview

Universal Compatibility

Simply connect the PCS300 to any security system control panel that supports CID reporting to report system events to two Paradox IPR512 GPRS/IP Monitoring Receivers.

GPRS Plug-in Communicator Module

The optional GPRS Plug-in Communicator Module is used to provide GPRS and GSM reporting to the PCS300. With the GPRS module, the PCS300 can also send SMS text notifications to up to eight telephone numbers displaying the event or trouble. The GPRS module is mounted directly onto the PCS300's PCB.

Inputs

Up to two inputs can be configured to report SMS text notifications when an input is activated or deactivated and/or when a trouble occurs. Input terminals are located at the bottom of the unit.

Web Interface Page

Configuring and monitoring the status of the PCS300 is done using the PCS300 Web Interface page. From the PCS300 Web Interface Page, up to two separate, unique reporting sequences can be defined, each one linked to a specific phone number. Each reporting method can be programmed to perform a specific number of attempts before switching to an alternate backup reporting method.

Compatibility

Compatible with all security system control panels that support CID reporting . For latest updates visit paradox.com.

Specifications

Power	Class 4 (2W) at 850 / 900 MHz ; Class 2 (1W) at 1800 / 1900 MHz
Antenna Bandwidth	70 / 80 / 140 / 170 MHz - Automatic band detection
Antenna	Gain <3 dBi; impedance 50 ohm / Input power >2W peak power
Power Input	12 Vdc (from control panel or external power supply)
Consumption	Standby: 150 mA ; Average: 300 mA ; Peak: 1.4A (during GPRS/GSM transmission)
Dimensions	12.0 x 10.2 x 4.8 cm (4.7 x 4.0 x 1.9 in.)
Operating Temperature	0ºC to 50ºC (32ºF to 122ºF)
Encryption	128-bit (MD5 and RC4) or 256-bit (AES)
SMS Protocol	8-bit (ISO 8859-1, Latin-1 character set) or 16-bit (UCS2 ISO / IEC 10646)

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