IPR512
IP Monitoring Receiver

Description

The Paradox IP Monitoring Receiver (IPR512) allows up to 1024 supervised control panels (each with up to 32 sub-accounts) to report system events over an IP network via a Paradox reporting module (IP Internet Modules or PCS Series Modules). The IPR512 communicates with the monitoring station's automation software using Radionics 6500, Ademco 685, or Sur-Gard MLR2-DG receiver data formats.

Paradox IP communication between panels and the IPR512 uses 256-bit AES data encryption. Each of the 1024 accounts can be supervised at a configurable rate. With its minimal setup programming, easy account setup, low profile enclosure, SD card backup for fast data recovery and extremely low power consumption, the IPR512 is an excellent solution for today's monitoring station needs.

Features

- 1024 supervised Paradox GPRS/IP modules
- End-to-end supervision
- Module polling and receiver supervision
- Direct communication
- Redundant Internet Service Provider (ISP)
- 2 Serial Ports
- Communication protocols
- Integrated Account Management web page
- Data backup on external memory card
- Firmware upgradable

- Supports CID and SIA reporting formats
- 256-bit AES data encryption
- Output relay (triggered by selected events)
- Input relay (sends selected events when triggered)
- Automatic date and time synchronization via Network Time Protocol (NTP)
- Robust and durable construction
- Standard 110/220 Vac power suppy
- No noise operation and low power consumption (under 10W)
- Secure private operating system

IPR512 Overview

4.2 cm
1.66 in.

42.8 cm
16.84 in.

30.4 cm
11.96 in.

Feature Details

• **1024 Supervised Paradox IP Modules**

High-speed supervision for up to 1024 Paradox control panels using the PCS Series Modules or the IP Internet Modules. Every communication module can report each partition with a unique account number.

• **End-to-End Supervision**

The entire communication line (control panel, communication module, receiver, and automation software) is fully supervised and can be reported due to Paradox's proprietary encrypted communication.

• **Module Polling and Receiver Supervision**

Up to 32 security profiles can be created per receiver with a Programmable Module Polling Time and Receiver Supervision Time (seconds, minutes, or hours). If the receiver does not receive a presence message from the communication module within the Module Polling Time, the receiver will then wait until the Receiver Supervision Time elapses before reporting a supervision loss to the monitoring station's automation software.

• **Direct Communication**

All reports are transmitted directly to the receiver from the PCS Series Module or the IP Internet Modules without having to use intermediary servers or network operation centers. This provides faster response, with no concerns about issues from intermediary providers, such as signals not properly relayed or communication failures.

• **Account Management Web Page**

Access the Account Management Web Page via a LAN port to view, edit, and delete any PCS Series Modules/IP Internet Modules, edit security profiles, configure receiver settings, view receiver troubles, and program special event report codes.

Specifications

Compatibility	IP100 V1.50 or higher, IP150, PCS100 GPRS Module V1.60 or higher, PCS200, PCS250, PCS250G and PCS300
	Digiplex EVO48 and EVO192 V2.02 or higher with K641/K641R keypads V1.51 or higher
	Spectra SP Series V3.42 or higher with K32LCD keypads V1.22 or higher
	Esprit E65 V2.10 or higher
Input Voltage	100-240 Vac (50-60 Hz)
Power Input	10W
Output Voltage	12 Vdc
Dimensions	4.2 x 42.8 x 30.4 cm (1.66 x 16.84 x 11.96 in.)
Operating Temperature	0ºC to 50ºC (32ºF to 122ºF)
Encryption	256-bit (AES)

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