

## IPR512 Features

### IPR512 主要功能及特点



- **512 Supervised Paradox IP Modules :** The IPR512 provides high-speed supervision for up to 512 Paradox control panels using an IP Module (IP100). Each IP100 Internet Module can report multiple partitions.
- **支持最多 512 路可监视的 IP 联网模块:** IPR512 支持最多 512 路报警控制主机通过 IP 联网模块 (IP100) 来实现联网功能, 且每一个 IP100 联网模块都可以报告多个分区的状态及警情
- **Redundant ISP (WAN1/WAN2) :** 2 Ethernet ports (WAN1 and WAN2) to receive events through two different Internet Service Providers (ISPs).
- **支持多个 ISP 端口 (WAN1/WAN2):** 提供两个以太网接口 (WAN1 和 WAN2) 可通过两个不同的网络运营服务商来接收警情事件
- **2 Serial Ports (COM1/COM2) :**  
COM1: connects to Automation Software (used by monitoring station) by emulating Radionics 6500 protocol.  
COM2: connects to a printer or a PC with a telnet program to view/print events in plain text format.
- **两个串行通讯端口 (COM1/COM2) :**  
COM1: 提供给接处警中心的自动接警软件使用, 串口协议为 Radionics 6500  
COM2: 提供给打印机或电脑使用, 以查看或打印纯文本警情事件
- **Integrated Web Page (LAN) :** LAN port to configure IP Receiver via web page interface used to view, edit and delete IP100 modules, edit polling profiles, configure receiver, view receiver troubles, and program special event report codes.
- **内置 WEB 页面管理功能 (LAN) :** 使用 LAN 端口通过内置的 WEB 页面可查看, 编辑或删除 IP100 联网模块, 编辑设备巡检属性, 配置接收机, 查看接收机故障以及特殊事件报告编程
- **Data Backup on External Memory Card :** The receiver has a built-in flash memory card slot for data backup (programmable intervals) and recovery. This allows fast and easy substitution of receiver units in crash recovery situations. Uses external SD, SD/HC, or MMC memory cards.

- **通过外部储存卡即可备份数据：**接收机内置了一个存储卡插槽用来备份（可设置自动备份的时间间隔）及恢复数据。它的操作非常快速及简单，取代了以前接收机庞大的数据备份单元，该插槽可以使用 SD，SH/HC 或 MMC 卡
- **End-to-End Supervision :** The entire communication line (control panel, internet module, receiver and automation software) is fully supervised and can be reported due to Paradox's proprietary encrypted communication.
- **终端对终端式监察：**通过 PARADOX 专利的加密式通讯，可监察整个通讯网络中各个环节的工作状态（包括控制主机，IP 联网模块，接收机及自动接处警软件）
- **Programmable Polling Time and Grace Period:** Up to 32 polling profiles can be created per receiver with a programmable polling time and grace period (seconds, minutes, or hours). If the receiver does not receive a presence message from the internet module within the polling time, the receiver will then wait until the grace period elapses before reporting a supervision loss to the monitoring station's Automation Software.
- **可编程式设备巡检时间间隔及单位：**可设置最多 32 组巡检属性，在属性里可以设置巡检时间间隔及单位（秒，分钟或小时），如果在指定的巡检时间周期内接收机未收到来自 IP 联网模块发出的确认信息，则接收机会该事件至自动接处警软件
- **Firmware Upgradeable :** The receiver is firmware upgradeable in less than 90 seconds and features automatic update verification.
- **Firmware 升级：**当需要对接收机的 Firmware 进行升级时，接收机可以在 90 秒钟内自动地完成该项工作

#### Other Features :

##### 其他特点:

- Supports CID and SIA reporting formats
- 支持 CID 和 SIA 通讯格式
- 256-bit AES data encryption
- 256-bit AES 数据加密协议
- 2-line, 40-character LCD with a 6-button interface to view troubles, backup data to/from memory card, set IP Address and Subnet Mask for LAN port, and set LCD language, backlight and contrast, and set time and date
- 2-线制，40-字符 LCD，6-按键式显示界面，可显示故障，从闪存卡备份/恢复数据，设置 IP 地址，子网掩码和 LAN 端口，设置语言，LCD 液晶屏的亮度和对比度，设置时间和日期
- Supports 19" rack mounting (1U) or desktop installation
- 支持 19" 机架式安装（1U）
- Output relay (triggered by selected events)
- 继电器输出功能（可通过选择相应的事件来触发）

- Input relay (sends selected events when triggered)
- 信号输入（当触发时可发送被选择的事件）
- Automatic date and time synchronization via Network Time Protocol (NTP)
- 通过网络可自动同步时间（NTP）
- Robust and durable construction
- 经久耐用的外观设计和结构
- Standard 110/220Vac power supply
- 标准的 110/220Vac 供电
- Extremely low noise and low power consumption (less than 10W)
- 极低的电流消耗（功率小于 10W）
- Secure private operating system
- 专利及安全的操作系统

