



Key Features:

- Supports up to 8 I/O modules with customizable configurations for various industrial projects
- 16-channel digital input with 110–24 VDC tolerance
- 10-channel digital output with 3A dry contact
- Two independent 100Mbps network ports with separate IP addresses for each link
- Compatible with Modbus TCP and IEC 104-5-60870 for easy integration into control and monitoring systems
- Supports SNMP v2 for device health monitoring, alarms, and performance status
- Supports 220–100 V AC/DC with automatic switching to increase system reliability
- Two independent outputs for indicating the status of each power line, enhancing reliability in critical applications
- Full device configuration, real-time monitoring, and advanced management via a web browser only
- Secure and fast updates without any additional software or tools
- Industrial design, high build quality, with local support and customization options



TPS

CONTACT US



+98-21-22793934



Unit19, 5th Floor, No 63, Rahmani St,
Manzarieh Junction, Tehran, Iran



Tps.co.com



Info@Tps.co.com

RIO - 400

Remote IO

RIO-400 Remote IO

Remote IO is a modular and industrial input/output system designed for critical applications in automation, electrical substations, oil and gas industries, and SCADA systems. With its 4U rack-mount design, support for up to 8 independent modules, and compatibility with standard protocols, this device provides a reliable and professional solution for data acquisition and equipment control.

The availability of selectable input and output modules allows precise customization according to project requirements—from digital inputs ranging from 24 to 110 V DC to 3A dry contact outputs for controlling industrial equipment.

Two independent network ports with separately configurable IP addresses enable the device to connect to two separate network infrastructures, increasing network flexibility while providing redundancy. Support for Modbus TCP and IEC 60870-5-104 protocols simplifies system integration with automation and SCADA equipment.

Built-in SNMP v2 monitoring provides intelligent oversight of system status, errors, and device health. Dual AC/DC power inputs with automatic switching, along with Power Fail outputs, ensure stable operation under critical conditions.

The device features a fully user-friendly web server for configuring settings, real-time I/O monitoring, module management, and firmware updates. Using the internal web server eliminates the need for additional software, significantly simplifying setup and maintenance.

Remote IO is a fully in-house product—from hardware design to software development—allowing complete support, after-sales service, and customization to meet customer needs. This device is designed for projects where stability, security, and uninterrupted performance are top priorities.

