

## CENTRACON-PROC | Protocol Converter



### Key features

- Bi-directional protocol conversion between RS-232/RS-485 and Ethernet.
- Flexible interface configuration with selectable RS-232 or RS-485 ports.
- Supports baud rates up to 115,200 bps for fast and stable communication.
- Ethernet connectivity (RJ-45) with support for TCP/UDP client protocols.
- Remote control capability through UDP client mode.
- USB 2.0 port for configuration and firmware updates.
- Reliable long-distance connectivity with up to 100 m Ethernet support.
- Compact and easy to deploy in AV, automation, and IT network environments.

### Product Overview

The Macsys CENTRACON-PROC Protocol Converter is a high-performance gateway designed to bridge communication between serial devices and Ethernet networks. It supports flexible configuration of RS-232 and RS-485 serial interfaces and ensures smooth data transmission with baud rates up to 115,200 bps. With built-in Ethernet (RJ-45), USB interface for firmware upgrades, and TCP/UDP protocol support, this converter is ideal for integrating legacy equipment into modern IP-based control and monitoring systems. Its compact design and reliable performance make it suitable for applications in control centers, AV integration, industrial automation, and remote device management.

Technical Specification

| Feature          | Details                                                        |
|------------------|----------------------------------------------------------------|
| Device Interface | RS-232 (1-way): Supports baud rates up to 115,200 bps          |
|                  | RS-485 (1-way): Supports baud rates up to 115,200 bps          |
|                  | RJ-45 (1-way): Supports TCP client, TCP server, and UDP client |
| Host Interface   | RJ-45 (1-way): Supports TCP client, TCP server, and UDP client |
|                  | USB 2.0 (1-way): For configuration and firmware upgrades       |
|                  | RS-232 (1-way): Supports baud rates up to 115,200 bps          |
|                  | RS-485 (1-way): Supports baud rates up to 115,200 bps          |
| Power Supply     | DC Power 12V / 3A via DC head                                  |
| Certifications   | CE, RoHS compliance                                            |



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