Datasheet

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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