Programmable Industrial Router

eWON4002™

Remote Maintenance and Control of standard PLCs

The eWON4002 is the full-option version of our range of Programmable Industrial Routers. It is easy to implement and to configure while offering user-friendly web pages for its configuration. It is secure because it meets all together the toughest industrial standards and has restricted access features required in open networks.

The eWON4002 features a TCP/IP router, embedded firewall, 3 serial links connectivity, remote control, scripting, reporting tools, alarm notification, 6 analog inputs, 9 digital inputs, 3 digital outputs and datalogging.

The eWON4002 can be used in combination with PLC's using the following protocols: Modbus RTU-TCP, UniTelWay-XIP, DF1-EIP, MPI and the protocols using the ASCII convention.

The eWON supports TCP/IP and PPP protocols. This allows you to benefit from the most universally implemented network standard. It also allows you to use widely known standard software tools such as Internet Explorer, FTP, SNMP Manager, Mail Recipient… and therefore reduce your costs significantly (cost of implementation and cost of ownership).

Key Features:

- Ethernet port 10/100 Base Tx
- 1 isolated configurable serial port (RS232/RS422/RS485)
- 1 non-isolated configurable serial port (RS232/RS422/RS485)
- 1 RS232 serial port with all control lines connected
- 8+1 digital inputs (DI)
- 2+1 digital outputs (DO)
- 4 analog inputs (AI) configurable in 0-10V or 0-20mA
- 2 Resistive Temperature Detector inputs (RTD) to fit PT100
- 1 Internal Temperature probe
- Embedded PSTN or GSM/GPRS modem
- TCP/IP Router + NAT
- Modbus/TCP, Modbus/485 support

eWON 4002, continued:

Key Features, continued:

- Supports DF1-EIP, UniTelWay-XIP, MPI protocols
- SNMP MIB2 support
- Datalogging up to 139.264 records
- EMC-compliant industrial environment
- DC Power supply
- Embedded Firewall
- Call-back function by dialup networking
- Dynamic DNS support
- IP forwarding & Transparent Forwarding
- Dial On Demand support
- Serial port connectivity
- Alarm notification by SMS, email, put FTP or SNMP trap
- Schneider Alliances program member

Typical Applications:

- Remote alarm notification
- Remote test & measurement (T&M)
- Remote servicing and maintenance
- Datalogging with remote access
- Application Service Providers (ASP)