

You select...
You
 We connect
 We

eWON 500

Serial-to-Ethernet Gateway



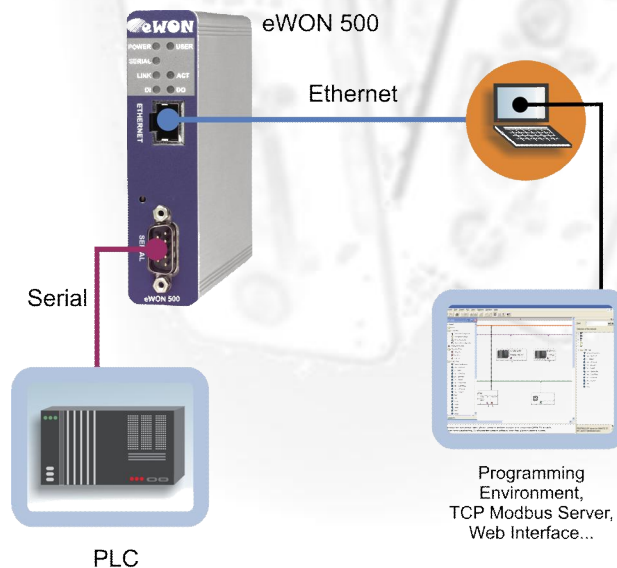
Highlights

- Transparent gateway supporting numerous PLC protocols: ModbusTCP - RTU, XIP - Unitelway, EtherNet/IP - DF1, FINS TCP – FINS Hostlink, ISOTCP – PPI, ISOTCP - MPI or PROFIBUS¹ (S7)
- Data Acquisition in internal Tags
- ModbusTCP Master & SNMP agent
- Alarms management on PLC variables, with notification (SMS, email, FTP put or trap SNMP)
- Configuration by embedded web pages or FTP upload
- Powerful Basic script interpreter
- Full industrial design (24 VDC Power supply, DIN Rail mounting)
- Optional: Datalogging and reporting features
- Optional: Web HMI with animated synoptics

eWON 500 is the versatile Serial-to-Ethernet gateway for industrial applications. With its transparent gateway, eWON 500 interfaces any serial PLCs or any serial automation devices to Ethernet. This allows them to be connected to Ethernet platforms and software (OPC servers, workstations with PLC programming software, etc...) for data polling and/or maintenance. eWON 500 also performs data acquisition from PLCs or automation devices in various protocols, including raw ASCII mode. Additionally, it provides an alarm management system.

Typical Applications

- Ethernet connectivity for serial PLCs
- Data acquisition for serial (ASCII) devices
- PLC ModbusTCP Interface
- PLC SNMP agent
- Web interface & eMail for PLCs



Ethernet to Serial Gateways	MODBUS TCP to MODBUS RTU; XIP to UNITELWAY; EtherNet/IP™ to DF1; FINS TCP to FINS Hostlink; ISO TCP to PPI, MPI (S7) or PROFIBUS ¹ (S7); VCOM / ASCII
Data Acquisition Protocols	In MODBUS/RTU, MODBUS/TCP, Unitelway, DF1, PPI, MPI (S7), PROFIBUS ¹ (S7), FINS Hostlink, FINS TCP, EtherNet/IP™, ISO TCP, ASCII. Stored in 350 internal tags
Alarms	Alarms notification by email, FTP put and/or traps SNMP Threshold: low, lowlow, high,highhigh + deadband and activation delay Alarms logs in http and via FTP Alarms cycle: ALM, RTN, ACK and END
Script	Script interpreter for Basic language with development tools
Synchronization	Embedded real-time clock, manual setup via http or automatic via NTP
File Management	FTP client and server for configuration, firmware update and data transfer
Web Site	Security: Basic authentication and session control. HTML standard, supports PDA browsers. eWON system and user customizable Web sites. SSI technology (Server Side Include) and Basic scripted ASP (Active Server Pages). HTTP server. Also HTTP client allowing HTML Get & Put requests onto remote HTTP servers.
Maintenance	SNMP V1 with MIB2 and/or via FTP files
Hardware	ARM processor @75Mhz, 8Mb SDRAM, 16Mb Flash, Din Rail Mounting Power supply 12 - 24VDC +/-20%, SELV; consumption: 3-6 watts 1x SUBD9 serial port RS232, RS422 & RS485 not isolated or MPI/PROFIBUS ¹ port isolated (limited to 1,5Mbits) 1x RJ45 Ethernet 10/100 baseTx; 1,5kV isolation 1x digital input: 0/24VDC; 3,5kV isolation 1x digital output: open collector 200mA@30VDC; 3,5 kV isolation Operating Temperature range: 0° to 50°C, optional extended temperature range (-20 to 70°C – on request) available, 80% humidity (no condensation) Dimensions : 120(Depth) x 105(Height) x 26(Width) mm; Weight : <300gr CE, UL labelled
Product Ref.: EW052x1	- x = 0 with serial port RS232, 422 or 485 - x = 6 with MPI/PROFIBUS ¹ (S7) port

1 A brief disturbance on the Profibus network can be caused by this eWON model when switching on/off. For a stand alone device, this is not a problem. But if the Profibus network is used for intercommunication between Profibus and Slave devices, the Siemens CPU might change into STOP mode if the network errors are not handled inside the CPU program (OB85 & OB86).

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