

## Industrial Ethernet Gateway

### WebPort 500

*Ethernet 10/100mb port (RJ45)*

*RS232/485/422 serial port or  
MPI port*

*Transparent gateway:*

- MODBUS TCP/RTU
- FINS TCP/Hostlink
- ISOTCP / MPI, PPI
- Ethernet/IP DF1
- XIP/Unitelway

*Alarms management on  
PLC variables*

*Multi-protocol gateway to  
MODBUS TCP or SNMP*

*Programmable gateway for  
ASCII dedicated protocol*

*24 VDC power supply,  
DIN rail mounting*

*1x digital input (alarms) and  
1x digital output (fail safe)*

*Configuration by embedded  
web page*



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**One Port,  
A World of Access**

#### Typical Applications

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- Ethernet remote maintenance of PLC
- Multi-protocol gateway
- ERP/MES industrial applications

#### PLC and Device Support

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- Allen-Bradley SLC500 and Logix families with DF1 and Ethernet/IP
- Schneider TSX Premium & Micro with UNITELWAY and XIP
- Schneider TWIDO with MODBUS/RTU
- Schneider Momentum/Quantum with MODBUS TCP and RTU
- Wago I/O modules with MODBUS TCP or RTU
- Siemens S7-200 with PPI, Siemens S7-300/400 with MPI and ISOTCP
- Omron CJ and CS with FINS TCP/UDP and FINS Hostlink
- LEM QWave power quality analyzer and much more...

#### Highlights

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- Transparent gateways Ethernet/serial high performance
- Modbus, DF1, FINS Hostlink, PPI, MPI, Unitelway gateway to SNMP
- Modbus, DF1, FINS Hostlink, PPI, MPI, Unitelway gateway to MODBUS TCP
- Programmable gateways in Basic allowing Ethernet connectivity for ASCII devices
- Alarms management and notification by email, FTP put and SNMP trap
- Remote maintenance with the original PLC software on Ethernet or serial PLC port
- Configuration by embedded web page

# Specifications



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- Gateways Ethernet/serial**
- MODBUS TCP / MODBUS RTU
  - XIP / UNITE
  - Ethernet/IP / DF1
  - FINS TCP / FINS Hostlink
  - ISO TCP / PPI-MPI
  - VCOM / ASCII

**Programmable Gateways** MPI, PPI, DF1, Unitelway, FINS Hostlink to MODBUS/TCP or SNMP  
ASCII dedicated protocol to FTP, SNMP, MODBUS/TCP.

**Data Acquisition** Data acquisition (Tagnames) in MODBUS/RTU, MODBUS/TCP, Unitelway, DF1, PPI, MPI, FINS Hostlink, FINS TCP, Ethernet/IP, ISO TCP, ASCII protocol.

**Alarms** Alarm notification via email, FTP put and/or SNMP trap.  
Thresholds: low, lowlow, high, highhigh + deadband and activation delay.  
Alarms logs in http and via FTP.  
Alarms cycle: ALM, RTN, ACQ and END.

**Script** Dedicated application to be programmed using the BASIC language.

**Synchronization** Embedded real-time clock, manual set-up via http or automatic NTP setup.

**File Management** FTP client and server for configuration, firmware update and data transfer.

**Web Site** Security: DAA and session control. HTML standard supports all PDA browsers. WebPort system and user web site.

**MPI** MPI embedded controller certified up to 1.5 Mbds.

**Maintenance** SNMP v1 with MIB2 and/or via FTP files.

**Hardware** Din Rail Mounting.  
ARM processor at 75Mhz, 16Mb SDRAM, 8Mb Flash.  
Power supply: 12-24VDC +/-20%, SELV; consumption: 3-6 watts.  
1x SUBD9 serial port: RS232, RS422 or RS485 not isolated or MPI port isolated.  
1x RJ45 Ethernet 10/100 Base-TX; 1.5kV isolation.  
1x digital input: 0/24VDC; 3.5kV isolation.  
1x digital output: open collector 200mA at 30VDC; 3.5kV isolation.  
Operating temperature range: 0° to 50° C, 80% humidity (non condensing).  
Dimensions: 120mm depth x 105mm height x 26mm width, Weight: <300g.  
Certifications: CE, UL.

## Product Reference

<i>Catalog No.</i>	<i>Description</i>
WP05201	WebPort 500 with Ethernet



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