

Internet Remote Management & HMI

WebPort 4001

Optional embedded PSTN or GSM/GPRS modem

Ethernet 10/100mb port (RJ45)

RS232/485/422 serial port

Transparent gateway:

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

Alarms management on PLC variables

Alarms notification by SMS, email or trap SNMP

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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A Better Way to Manage Your Data

PLC Remote Maintenance

- Allen-Bradley with DF1
- Allen-Bradley with Ethernet/IP
- Schneider Momentum/Quantum with MODBUS
- Schneider TSX Premium & Micro with UniTelWay
- Schneider TWIDO with MODBUS/RTU
- Wago I/O modules with MODBUS
- Siemens S7-200 with PPI and S7-300/400 using ISOTCP
- Omron CJ and CS with FINS TCP/UDP and FINS Hostlink

Remote Service

- Data acquisition with UNITE, MODBUS, DF1
- Data logging in internal database
- Alarms on configurable limits
- Notification by email, SMS, FTP put and SNMP trap
- Report generation (maintenance, worked time, etc.)
- Remote MMI (light client) by browser, PDA, etc.
- System and user defined web pages

Remote Control

- Data retrieval from database via FTP
- Applications in ASP mode
- InSite-ViewON HMI software

RAS Modem, IPR

- PPP remote access with PAP, CHAP support
- NAT support
- IP address filtering
- TCP/IP routing table
- Classical point to point callback
- Internet callback

Specifications



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Remote Maintenance	PLC point to point RAS or Internet remote access: <ul style="list-style-type: none">- Allen-Bradley with RSLogix- Premium and Micro with PL7pro- Twido with Twidosoft- Quantum and Momentum with Concept- Wago I/O modules with Wago I/O Pro 32- Siemens S7-200, S7-300 and S7-400- Any PLC/device/equipment with TCP/IP
Remote Service	Data acquisition (Tagnames) in MODBUS/RTU, MODBUS/TCP, UniTelWay, DF1, and serial ASCII protocol. "Tagnames" enable alarm management, BASIC programming, custom web pages and reporting.
Data Logging	Internal database for logging 21,000 data points. Retrieval of the database with files transferred via FTP put or email attachment.
Alarms	"Tagname" database: 128Kb. Alarm notification via email, SMS, FTP put and/or SNMP trap. Available standard limits to configure: Very Low, Low, High, Very High plus Dead zone and activation delay. Alarm summary and historian available in HTTP and via FTP file transfer. Alarm cycle management: ALM, RTN, ACQ and END.
MMI	HTTP: system and user defined web site. SNMP: "Tagname" read/write. FTP: whole set of parameters are available in files.
CallBack	Call back on user request or on number of rings. Direct or Internet call back (supports dynamic DNS).
Script	Dedicated application to be programmed using the BASIC language.
Router	IP filtering, IP forwarding, NAT, port forwarding and routing tables.
Internet	RAS connection (PPP), PAP/CHAP security. Data compression, ISP (Internet Service Provider) connection primary and secondary, supports DNS.
Synchronization	Embedded real-time clock, manual set-up via HTTP or automatic NTP setup w/ battery backup.
File Management	FTP client and server for configuration and data transfer.
Web Site	Security: DAA and session control. HTML standard supports all PDA browsers. WebPort system and user web site. SSI (Server Side Include) technology and BASIC scripted ASP (Active Server Pages).
Maintenance	SNMP v1 with MIB2 and/or via FTP files.
Hardware	Din Rail Mounting. ARM processor at 75Mhz, 8Mb SDRAM, 8Mb Flash. Power supply: 12-24VDC +/-20%, SELV; consumption: 3-6 watts. 1x SUBD9 serial port: RS232, RS422 or RS485, 1.5kV isolation. 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. Optional internal modem: PSTN or GSM/GPRS. Operating temperature range: 0° to 50 C, 80% humidity (non condensing). Dimensions: 4.72" depth x 4.13" height x 1.02" width, Weight: <300g. Certifications: CE, UL.

Product Reference

<i>Catalog No.</i>	<i>Description</i>
WP41201	WebPort 4001 with Ethernet
WP41204	WebPort 4001 with Ethernet and PSTN 56k internal modem
WP41206	WebPort 4001 with Ethernet and GSM/GPRS internal modem



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