

Industrial Broadband VPN Router

WebPort 2005 / 4005

*Embedded PSTN or
GSM/GPRS modem*

*Ethernet (WAN)
10/100mb port (RJ45) x 1*

*Ethernet (LAN)
10/100mb port (RJ45) x 4*

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

*SSL based VPN with static
or certificate public key
encryption*

*Gateways serial protocol for
Rockwell, Schneider, Omron
and Siemens PLCs*

*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*

*Compatible with InSite-ViewON
e-SCADA software (4005 only)*

*Historical logging via battery
backed-up clock (4005 only)*



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**One Port,
A World of Access**

Typical Applications

- Broadband ADSL secure PLC remote maintenance
- Secured site-to-site connection via Internet VPN
- Centralized monitoring by ADSL

PLC and Device Support

- 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...

Remote Service

- Data acquisition on serial link with UNITE, MODBUS RTU, DF1, PPI and Hostlink and on Ethernet port with MODBUS TCP, EIP, FINS TCP, and ISO TCP
- Alarms management and notification by email, SMS, FTP put and SNMP trap
- Remote maintenance with the original PLC software on Ethernet or serial PLC port
- Remote access and control by standard web browser
- Configuration by embedded web page

Routing & VPN

- VPN tunnel with shared key or PKI certificate
- Firewall, NAT and IP filtering
- Internet callback and GPRS always connected features
- Dynamic IP DNS support

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.
Remote Service	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. Available standard limits to configure: very low, low, high, very high + dead zone and activation delay. Alarm summary and historian available in http and via FTP. Alarms 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 (direct or via Internet) on user request or on amount of rings.
Router, Firewall	NAT, IP filtering & forwarding, dynamic DNS support.
Script	Dedicated application to be programmed using the BASIC language.
VPN	Based on OpenVPN 2.0, a SSL VPN solution based on SSL/TLS industry standard protocol.
VPN Security	Based on using SSL/TLS for session authentication and the IPsec ESP protocol for secure tunnel transport over UDP. It supports the X509 public key infrastructure (PKI) for session authentication, the TLS protocol for key exchange, the cipher-independent EVP (DES, 3DES, AES, BF) interface for encrypting tunnel data, and the HMAC-SHA1 algorithm for authenticating tunnel data.
Internet	RAS connection (PPP), PAP/CHAP security. Data compression, ISP connection primary and secondary, supports DNS.
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. Server Side Include (SSI) technology and BASIC scripted ASP.
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, RS485; isolation available with WebPort 4005. 1x RJ45 WAN Ethernet 10/100 Base-TX; 1.5kV isolation. 4x RJ45 LAN Ethernet 10/100 Base-TX (integrated switch); 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 56kbds, or GSM/GPRS. 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 pending.

Product Reference

Catalog No.	Description
WP25204	WebPort 2005 with Ethernet and PSTN 56k internal modem
WP25206	WebPort 2005 with Ethernet and GSM/GPRS internal modem
WP45204	WebPort 4005 with Ethernet and PSTN 56k internal modem
WP45206	WebPort 4005 with Ethernet and GSM/GPRS internal modem



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