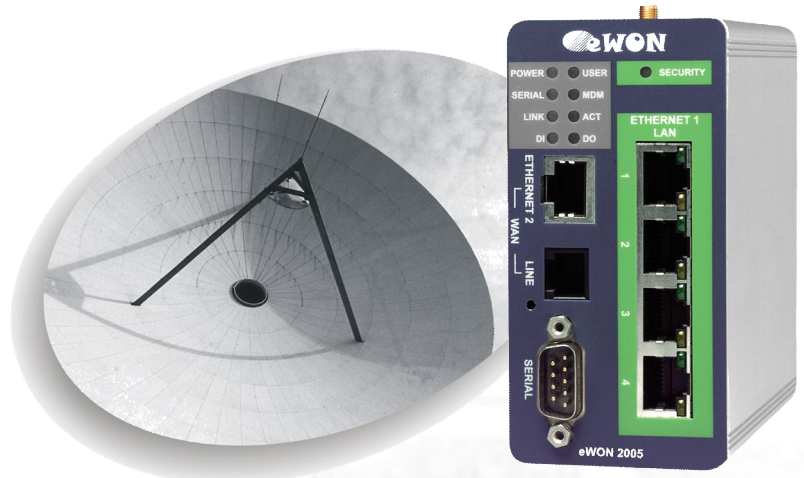


You select...
You
 We connect
 We



eWON 2005 Industrial LAN/Modem Router



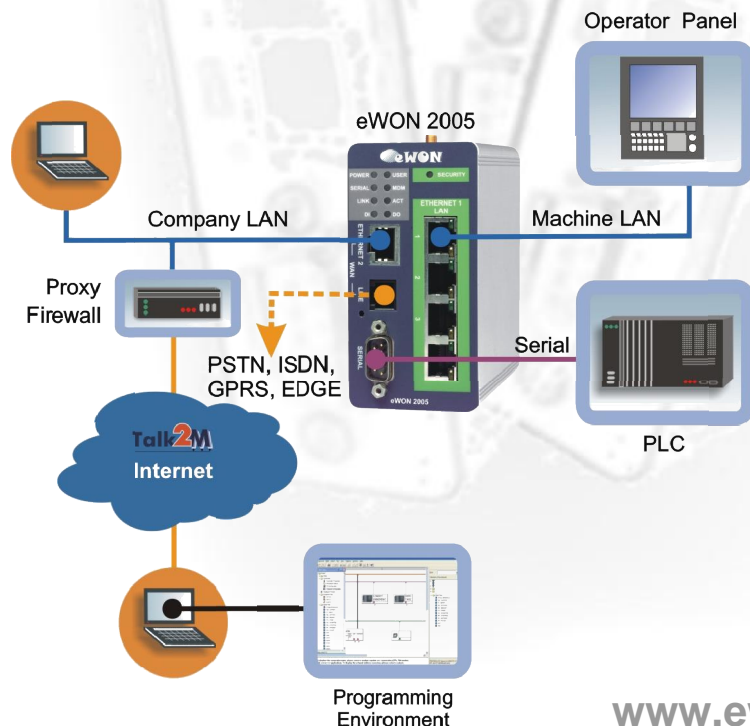
Highlights

- Ethernet LAN to LAN Router
- 4 x Ethernet port Switch
- Choice of embedded modem : PSTN, ISDN, GSM/GPRS or EDGE
- Ethernet and Serial (DB9) interfaces supporting numerous PLC protocols
- Complete alarm cycle management system on PLC variables with notification (SMS, email, FTP put, SNMP trap)
- Internet Dialling within secure tunnelling connection (VPN)
- Configuration via web pages or FTP upload
- 1 x digital input (alarms) and 1 x digital output
- Full industrial design (24 VDC Power supply, DIN Rail mounting)
- Optional: Data logging and reporting features
- Optional: Web HMI with animated synoptics

eWON 2005 is the Industrial LAN/Modem Router for the machine builder, OEM, infrastructure, utilities, and system integrator markets, featuring an IT LAN to Industrial LAN IP router that also embeds a modem for remote access to the Industrial LAN. Therefore any PLC or automation equipment connected to the Industrial LAN (through Ethernet) or through the serial port can be accessed both ways: from the IT LAN and/or from any remote network or Internet, via the modem. Seamlessly integrated with the PLC programming environment, eWON 2005 still monitors and collects data into internal tags while PLC maintenance is performed. eWON 2005 has both Web and FTP servers embedded as well as an independent alarm management system.

Typical Applications

- IP Router between an IT LAN and a Machine LAN
- PLC maintenance through an IT LAN or remotely through the modem
- Alarm notification, remote diagnosis/maintenance/monitoring



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; VCOM / ASCII
Data Acquisition Protocols	In MODBUS/RTU, MODBUS/TCP, Unitelway, DF1, PPI, 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
Router	PPP dial-in, Internet PPP dial-out on demand, IP filtering, IP forwarding, NAT, Port forwarding, Proxy, Routing table
Internet	Through RAS connection (PPP), primary and secondary ISP (Internet Service Provider) connections, supports DNS and DynDNS, DHCP client
Call Back	Direct callback or Via ISP (Internet Service provider) connection on user request or on number of rings
VPN Tunnelling	Open VPN 2.0 either in SSL UDP or HTTPS
VPN Security	The VPN security model is based on using SSL/TLS for session authentication and the IPSec ESP protocol for secure tunnel transport over UDP. It supports the X509 PKI (public key infrastructure) 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
RAS Connection	PPP (Point-to-Point) Protocol with PAP/CHAP security and data compression
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, 16Mb SDRAM, 16Mb Flash, Din Rail Mounting Power supply 12 - 24VDC +/-20%, SELV; consumption: 8-12 watts 1x SUBD9 serial port RS232, RS485 not isolated 1x RJ45 Ethernet 10/100 base Tx; 1,5kV isolation 4 x 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@30VDC; 3,5 kV isolation Embedded modem: PSTN 56kbds or ISDN or Dual band GPRS or Quad band EDGE 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 51(Width) mm; Weight : <500gr CE, UL labelled
Product Ref. : EW2520y	<ul style="list-style-type: none"> - y = 1 No Modem - y = 2 ISDN EU modem (on request) - y = 3 ISDN EU modem (on request) - y = 4 PSTN 56kbds mode - y = 5 GSM/GPRS EU modem - y = 6 GSM/GPRS US modem - y = 7 EDGE quad band modem

Your eWON distributor:

List of local distributors & partners available on www.ewon.biz

eWON s.a. is a Belgian electronic and industrial engineering company. With the successful launch of the eWON product line in 2001, eWON became a worldwide market challenger for intelligent Ethernet gateways and industrial IP routers. Thanks to its growing market recognition, the eWON concept and its service product range have become a reference and a quality standard for every major company in the industry.

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