

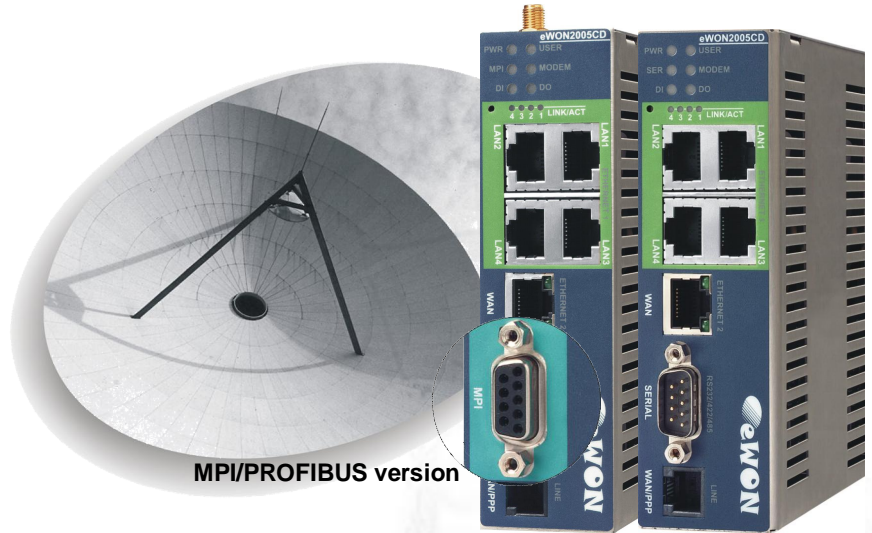
You select...
You
 We connect
 We

Talk2M ready!

eWON 2005 CD Industrial LAN/Modem Router

Highlights

- 1x Ethernet (WAN)
10/100mb port
- 4x Ethernet (LAN)
10/100mb port switch
- DHCP client
- LAN to LAN Router
- Embedded PSTN, ISDN, GPRS or EDGE modem
- Internet VPN tunnelling connection
- Ethernet and Serial (DB9) interfaces supporting numerous PLC protocols, including now MPI & PROFIBUS (Siemens S7)
- Alarms management on PLC variables with notification (SMS, email, FTP put or trap SNMP)
- Configuration by embedded 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)

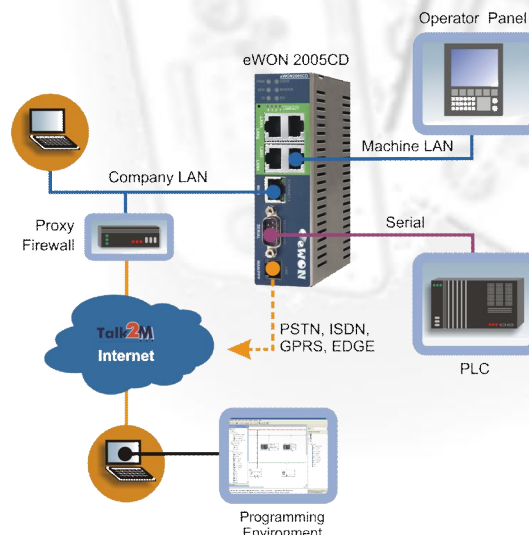


eWON 2005 CD (stands for **Compact Design**) is the new flexible communication device replacing previous eWON 2005. This new device offers Machine Builders/OEMs, Utility Managers and System Integrators dual LAN/Modem connectivity to access remote machines and assets through Internet.

eWON 2005 CD is a full IP router featuring "Factory" LAN to "Machine" LAN routing functionalities with an embedded modem for use as a back up access to the "Machine" LAN. Therefore any Ethernet but also serial based PLC or automation equipment can be accessed both ways: through the "Factory" LAN and/or via modem. Seamlessly integrated with the PLC programming environment, eWON 2005 CD still monitors and collects data into internal tags while PLC maintenance is performed. eWON 2005 CD has both Web and FTP servers embedded as well as an independent alarm management system. Fully compliant with world leading PLC manufacturers - Rockwell®, Siemens®, Omron®, Schneider Electric®, ... -, eWON 2005 CD, offers, unlike previous eWON 2005, also MPI and PROFIBUS protocols support for S7 PLCs.

Typical Applications

- Broadband Internet router
- Broadband Internet secure PLC Remote Maintenance with Talk2M (find out more on www.talk2m.com)
- LAN to LAN Router



| | |
|------------------------------------|--|
| 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 (S7); VCOM / ASCII |
| Data Acquisition Protocols | In MODBUS/RTU, MODBUS/TCP, Unitelway, DF1, PPI, MPI (S7), PROFIBUS (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 |
| Router | PPP dial-in, Internet PPP dial-out on demand, IP filtering, IP forwarding, NAT, Port forwarding, Proxy, Routing table, DHCP client |
| Internet | Through RAS connection (PPP), primary and secondary ISP (Internet Service Provider) connections, supports DNS and DynDNS |
| 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, 32Mb Flash, Din Rail Mounting Power supply 12 - 24VDC +/-20%, SELV; consumption: 10 watts 1x SUBD9 serial port RS232, RS485 not isolated or MPI/PROFIBUS port isolated (12Mbits) 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 drain (MOSFET) 200mA@30VDC; 3,5 kV isolation Embedded modem: PSTN 56kbds or ISDN or Quad band GPRS class10 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 : 129(Height) x 108(Depth) x 39(Width) mm; Weight : <500gr CE labelled |
| Product Ref.: EW262xy | - x = 0 with serial port RS232, 422 ou 485 - x = 6 with MPI/PROFIBUS (S7) port ----- - y = 1 No Modem - y = 7 EDGE quad band modem - y = 3 ISDN EU modem (on request) - y = 8 GPRS quad band modem - y = 4 PSTN 56kbds modem |

Your eWON distributor:

SISTEMATISMOS®
 SISTEMATISMOS, S.L.
 C./MONTE AUSEVA, 14 ENTLO
 33012 OVIEDO
 TNO.: 98 529 6329 FAX.: 98 528 2154
sistematismos@sistematismos.com
www.sistematismos.com

List of local dis

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.

av. de l'Artisanat 10A | 1420 Braine-l'Alleud | Belgium
 t. +32 (0) 2 387 27 82 | f. +32 (0) 2 384 47 16
sales@ewon.biz