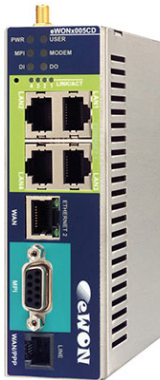


**These items are no longer available.**  
**Industrial All-In-One VPN Router**  
**Ewon2005CD/eWON4005CD**



- Internet access optionally via WAN or modem
- Integrated web server for configuration and visualization
- Secure and firewall-friendly thanks to VPN technology
- Connection can be enabled via key switch
- Data recording of various protocols and interfaces
- Alarm management with email, SMS and FTP dispatch
- Integrated 4-way switch for machine LAN
- Serial RS232/485 or MPI/Profibus DP interface
- Programmable via Basic or Java

<https://www.wachendorff-prozesstechnik.de/en/eWONx005CD>

**Description**

The Ewon2005CD/4005CD industrial router with WAN connection is the all-in-one solution for machine builders, OEMs and system integrators for remote maintenance of machines and systems via the Internet. The industrial routers are complete IP routers that can route between the machine LAN and the WAN interface and also feature VPN technology.

An optional integrated modem can also be used for the Internet connection or as a fallback level for the WAN interface.

In addition to seamless integration into the software of the connected PLC or device, it is also possible to visualize and alarm the data and, optionally, to record data. If the VPN router is used together with the Talk2M connection portal, central user and device management and other security functions can also be used.

**Product details**

Supported devices	- each PLC/device with EthernetTCP/ IP - each PLC/device with RS232/RS485/ MPI/Profibus
Supported devices / protocols for data recording and alarm management:	- Siemens S5: 90U, 95U, 100U, 110U, 115U - Siemens S7: 200 series via PPI - Siemens S7: 300 & 400 series via ISOTCP & MPI / Profibus - Siemens S7: 1200 & 1500 series via ISOTCP - Manufacturer-independent via MODBUS TCP & RTU - Allen-Bradley SL500 & Logix family with DF1 & Ethernet IP - Schneider TSX Premium & Micro with UNITELWAY & XIP - Schneider Momentum, Quantum, Twido via Modbus TCP/RTU - Omron CJ and CS series via FINS TCP & FINS Hostlink - Hitachi EH series via H-Protocol & Ethernet H-Protocol - Mitsubishi Electric FX0 to FX3 series, Q series

Security:	Open VPN 2.0 in SSL UDP or HTTPS mode. SSL/TLS is used for session authentication and the ESP protocol for secure tunnel transport via UDP. X509PKI (Public Key Infrastructure) is supported for session authentication, the TLS protocol for "key exchange", the cipher-independent EVP interface (DES, 3DES, AES, BF) for the encrypted tunnel connection and the HMAC-SHA1 algorithm for the tunneled data. Connection release optionally possible via key switch. Two-way authentication possible.
Interfaces:	- 1 x SUB-D, 9-pin serial interface (RS232, RS485, RS422)  or  - 1 x MPI / Profibus interface up to 12 Mbit/s - 1 x WAN RJ45 Ethernet 10 / 100 Mbit/s (direction Internet) - 4 x LAN RJ45 Ethernet 10/ 100 Mbit/s (LAN machines) - 1 x RJ11 telephone connection (article: WEWxxxx3, WEWxxxx4) - 1 x SMA socket (article: WEWxxxxB)
Modem:	integrated, optional: PSTN, ISDN, HSUPA/HSPA+(GPRS/UMTS)
Inputs and outputs:	- 1 x digital input (24 VDC, can be used as a key switch) - 1 x digital output (MOSFET, 200 mA @ 30 VDC)
Assembly:	DIN rail mounting (DIN)
Power supply:	12 VDC to 24 VDC +/- 20% @ 10 Watt
Operating temperature:	-20 °C to + 70 °C (article: WEWxxxx1, WEWxxxxB) 0 °C to + 50 °C (article: WEWxxxx3, WEWxxxx4)
Weight:	<500 g
Dimension:	DxHxW (mm): 108 x 129 x 39
Certificates:	CE, cCSAus

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Additional functions of the Ewon4005CD devices:	<ul style="list-style-type: none"><li>- Data recording option (up to 130,000 data points)</li><li>- viewON compatible (web HMI editor)</li><li>- eSync compatible (for long-term data recording)</li></ul>
Manufacturer:	HMS Industrial Networks AB

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