

Industrial VPN router Ewon Cosy 131



- Internet access via WAN, WLAN or mobile radio
- Integrated 4-way switch for machine LAN
- Secure and firewall-friendly thanks to VPN technology
- Direct connection option for PLCs, HMIs, webcams, etc.
- Remote access to Ethernet and USB devices
- SD card slot for easy configuration
- Multilingual web interface for configuration

<https://www.wachendorff-prozesstechnik.de/en/ewon-cosy131>

Description

The Cosy 131 industrial router is the most cost-effective solution for machine manufacturers, OEMs and system integrators for remote maintenance of machines and systems via the Internet. A VPN tunnel to the Cosy industrial router is established via the free eCatcher connection software to ensure secure remote maintenance. Configuration is simple via the integrated web server, FTP server or via an optional SD card. Thanks to the USB interface, devices that do not have an Ethernet interface can also be connected for remote maintenance. The associated Talk2M connection portal provides central user and device management as well as additional security functions.

Product details

Supported devices	Any PLC/device with Ethernet TCP/IP USB devices
Security:	OpenVPN in SSL UDP or HTTPS mode. SSL / TLS is used for session authentication and the ESP protocol for secure tunnel transport via UDP. X509 PKI (Public Key Infrastructure) is supported for session authentication, the TLS protocol for the "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.
Real-time clock:	Integrated; synchronization via HTTP (manual) or NTP (automatic)
Configuration:	Via web server, FTP or SD card
Connection setup:	Outgoing connection via HTTPS port 443 or UDP port 1194
Inputs and outputs:	<ul style="list-style-type: none"> • 2x digital input (0 to 24 VDC, can be used as key switch) • 1x digital output (MOSFET, 200 mA)
Interfaces:	<ul style="list-style-type: none"> • 1-4 x LAN RJ45 Ethernet 10 / 100 Mbit/s (freely configurable) • up to 3 x WAN RJ45 Ethernet 10 / 100 Mbit/s (freely configurable) • 1 x USB 2.0 socket (max. 500mA) • 1 x SD card slot
Power supply:	12 VDC to 24 VDC +/- 20% @ 30 Watt max.

Operating temperature:	Operation: -25 °C to + 60 °C
Relative humidity:	10 % to 95 %, non-condensing
Assembly:	DIN rail or wall mounting
Weight:	202 g
Dimension HxDxW (mm):	108.8 x 98.3 x 43.6 (without antenna)
Protection class:	IP20
Certificates & approvals:	CE, UL, FCC, R&TTE, RED
Manufacturer:	HMS Industrial Networks AB
	Optional integrated mobile radio (2G, 3G, 4G):
Antenna connection:	RP-SMA socket
Mobile radio standards:	<p>WEC6133G (Europe): 3G / HSPA+ / UMTS (900, 2100 MHz) 4G / LTE (800, 900, 1800, 2100, 2600 MHz)</p> <p>WEC6133H (North America): 3G / HSPA+ / UMTS (850, 1900 MHz) 4G / LTE (700, 850, 1700, 1900 MHz)</p> <p>WEC6133F (APAC): 3G / HSPA+ / UMTS (800, 850, 2100 MHz) 4G / LTE (850, 1500, 2100 MHz)</p>
Mobile radio antenna:	Not included in the scope of delivery
	Optional integrated WLAN (802.11b/g/n):
WLAN standard:	IEEE 802.11 b/g/n, 2.4 Ghz Supported channels 1 to 11 Output power 19dBm
WLAN antenna:	Plug-on antenna included in the scope of delivery Note: When using accessory antennas, observe the permissible transmission power.



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