Ewon Cosy 131 - ETH

The Ewon Cosy 131 is an industrial VPN gateway designed to offer easy remote access, across the Internet, to machines and installations on customer sites or in the field.

Key Benefits

EASIER THAN EASY	Quick setup wizard Works out-of-the-box with all major PLC/HMI brands and USB enabled devices Machine (PLC) can be kept operational during installation Easy to commission without local connection
NO HIDDEN COSTS	FREE VPN client for desktop & mobile Included VPN cloud access Unlimited number of machines & users
IT APPROVED	Exclusive outbound connection for high security Two-factor authentication, audit trail & network segregation Remote access can be controlled (on/off) by end-user with an external key switch ISO27001 approved
HIGH AVAILABILITY	30+ servers spread worldwide to for always-ready Remote Access Easily add Ewon Cosy devices and users to your account Configurable SMS and Email notification for pro-active maintenance Secondary WAN interface for backup Internet Connectivity

PLC Connectivity

Rockwell Automation/Allen Bradley	SLC5/500 Series Micro/Compact/Control Logix Series Micro Series
Siemens	S5 Series* S7-200/300/400/1200/1500** Logo

Schneider Electric	TSX Series M Series (M258, M340,...) Twido Series
Mitsubishi	iQ/FX5 Series Q series L Series FX3 series
VIPA	Speed 7 series
OMRON	C, CJ, CP, CS Series N Series
HITACHI	EH Series
Generic Modbus TCP/RTU	Any Modbus TCP/RTU Slaves (Beckoff, Crouzet, ABB, Delta,...)
Generic OPCUA	Any OPCUA Servers (B&R, Beijer, Beckoff,...)
Generic BACNET IP	Any BACNET IP Servers
Generic SNMP	Any SNMP v1 servers

* polling only, no remote access
** remote access to safety PLC devices (-F series) is not supported

Technical Specifications

WAN Ethernet	up to 3 ports,10/100 Mb Ethernet.
LAN Ethernet	up to 4 ports,10/100 Mb Ethernet.
Field interface	Up to 10 USB 2.0 connections, female connector 2.0.
SD Card reader	YES, for Cosy commissioning (firmware upgrade, backup, Talk2M registration).
Router	IP filtering, IP forwarding, NAT, Port forwarding, Proxy, Routing table, DHCP client/server.
Internet	Outbound connection for Talk2M using HTTPS (port 443 or UDP 1194).
VPN Tunneling	OpenVPN either in SSL UDP or HTTPS.
Talk2M	Talk2M Free+ or TalK2M Pro, natively supported.
VPN Security	Communications between the remote user and the Ewon are fully encrypted using the SSL/TLS protocol, thereby ensuring data authenticity, integrity & confidentiality. All users and Ewon units are authenticated using x509 SSL certificates and end-to-end traffic is encrypted using strong symmetric & asymmetric algorithms that are

	part of the SSL/TLS protocol cipher suite.
Synchronization	Embedded real-time clock, manual setup via http or automatic via NTP.
File Management	FTP server for configuration, firmware update.
Web-based configuration	Embedded web interface with setup wizards for configuration and maintenance (no additional software needed). Basic authentication (login/password) and session control for security.
Mechanicals	Dimensions: 108,80 x 99 x 43,60 mm (H x D x W). DIN rail or wall screw fixing system.
Weight	205 gr.
Power supply	12-24 VDC +/-20%, LPS.
Extended Temperature Range	Operating: -25°C to +70°C, 10 to 95% relative humidity (non-condensing). Storage: -40°C to +70°C, 10 to 95% relative humidity (non-condensing).
Hardware	1xDO: open drain (MOSFET) 200mA; isolation 1.5kV, 2xDI: 0 to 24VDC; 1.5 kV isolation.
Making	CE, cULus listed, FCC.
Warranty	36 months

Certifications

Type tests	Temperature - Operating & Storage tested according to: IEC 60068-2-1 Cold test IEC 60068-2-2 Dry heat test IEC 60068-2-14 Change of temperature IEC 60068-2-30 Cyclic damp heat test Vibration & shocks tested according to: IEC 60068-2-27 Bumps IEC 60068-2-64 Vibration (broad-band random) IEC 60068-2-6 Vibration (sinusoidal)
CE	Compliant with: EMC directive 2014/30/EU RE directive 2014/53/EU 2011/65/EU ROHS2 directive with amendment 2015/863 REACH regulation According to standards: EMC: ITE; emission Class A EN55032; EN55024 EN301489-1; EN301489-17; EN301489-24; EN301489-52 Spectrum: EN301511; EN301908-1 & -2 & -13

	EN300328 Health: EN62311 Safety: EN60950-1, EN62368-1
FCC/IC	This product complies with the Part 15 of the FCC rules.
Japan	This device complies with Japanese regulations.
Safety	Conform to: EN/IEC60950-1:2006+A11:2009+A1:2010+A12 :2011+A2 :2013; UL60950-1; CSA-C22.2 n° 60950-1-07 CB Certificate n° DK-42240-A1-UL, EN/IEC 62368-1: 2014+A11: 2017 UL 62368-1 Second Edition, CAN/CSA C22.2 No. 62368-1-14 Second Edition CB Certificate n°DK-72992-A1-UL UL listed: file number# 350576

Ordering Information

ORDER CODE: EC61330_00MA

WARRANTY: 3 years

For purchasing instructions and terms and conditions, see: → How to buy

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