



## Ewon Cosy 131 - 3G

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

<b>EASIER THAN EASY</b>	<ul style="list-style-type: none"> <li>Quick setup wizard</li> <li>Works out-of-the-box with all major PLC/HMI brands and USB enabled devices</li> <li>Machine (PLC) can be kept operational during installation</li> <li>Easy to commission without local connection</li> </ul>
<b>NO HIDDEN COSTS</b>	<ul style="list-style-type: none"> <li>FREE VPN client for desktop &amp; mobile</li> <li>Included VPN cloud access</li> <li>Unlimited number of machines &amp; users</li> </ul>
<b>IT APPROVED</b>	<ul style="list-style-type: none"> <li>Exclusive outbound connection for high security</li> <li>Two-factor authentication, audit trail &amp; network segregation</li> <li>Remote access can be controlled (on/off) by end-user with an external key switch</li> <li>ISO27001 approved</li> </ul>
<b>HIGH AVAILABILITY</b>	<ul style="list-style-type: none"> <li>30+ servers spread worldwide to for always-ready Remote Access</li> <li>Easily add Ewon Cosy devices and users to your account</li> <li>Configurable SMS and Email notification for pro-active maintenance</li> </ul>

Secondary WAN interface for backup Internet Connectivity
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## PLC Connectivity

<b>Rockwell Automation/Allen Bradley</b>	SLC5/500 Series Micro/Compact/Control Logix Series Micro Series
<b>Siemens</b>	S5 Series* S7-200/300/400/1200/1500** Logo
<b>Schneider Electric</b>	TSX Series M Series (M258, M340,...) Twido Series
<b>Mitsubishi</b>	iQ/FX5 Series Q series L Series FX3 series
<b>VIPA</b>	Speed 7 series
<b>OMRON</b>	C, CJ, CP, CS Series N Series
<b>HITACHI</b>	EH Series
<b>Generic Modbus TCP/RTU</b>	Any Modbus TCP/RTU Slaves (Beckoff, Cruzet, ABB, Delta,...)
<b>Generic OPCUA</b>	Any OPCUA Servers (B&R, Beijer, Beckoff,...)
<b>Generic BACNET IP</b>	Any BACNET IP Servers
<b>Generic SNMP</b>	Any SNMP v1 servers

\* polling only, no remote access

\*\* remote access to safety PLC devices (-F series) is not supported

## Technical Specifications

<b>Frequencies</b>	GSM/GPRS/EDGE Quad-Band (850, 900, 1800, 1900 MHz) - HSPA+ UMTS Pentaband module (800/850, 900, AWS 1700, 1900, 2100 MHz).
<b>Antenna Connector</b>	Type SMA - Female.
<b>Antenna</b>	not included in the delivery.
<b>WAN Ethernet</b>	Up to 3 ports, 10/100 Mb Ethernet.
<b>LAN Ethernet</b>	Up to 4 ports, 10/100 Mb Ethernet.
<b>Field interface</b>	Up to 10 USB 2.0 connections, female connector 2.0.

<b>SD Card reader</b>	YES, for Cosy commissioning (firmware upgrade, backup, Talk2M registration).
<b>Router</b>	IP filtering, IP forwarding, NAT, Port forwarding, Proxy, Routing table, DHCP client/server.
<b>Internet</b>	Outbound connection for Talk2M using HTTPS (port 443 or UDP 1194).
<b>VPN Tunneling</b>	OpenVPN either in SSL UDP or HTTPS.
<b>Talk2M</b>	Talk2M Free+ or Talk2M Pro, natively supported.
<b>VPN Security</b>	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.
<b>Synchronization</b>	Embedded real-time clock, manual setup via http or automatic via NTP.
<b>File Management</b>	FTP server for configuration, firmware update.
<b>Web-based configuration</b>	Embedded web interface with setup wizards for configuration and maintenance (no additional software needed). Basic authentication (login/password) and session control for security.
<b>Mechanicals</b>	Dimensions: 108,80 x 99 x 43,60 mm (H x D x W). DIN rail or wall screw fixing system.
<b>Weight</b>	217 gr.
<b>Power supply</b>	12-24 VDC +/-20%, LPS.
<b>Extended Temperature Range</b>	Operating: -25°C to +60°C, 10 to 95% relative humidity (non-condensing). Storage: -40°C to +60°C, 10 to 95% relative humidity (non-condensing).
<b>Hardware</b>	1xDO: open drain ( MOSFET) 200mA; isolation 1.5kV, 2xDI: 0 to 24VDC; 1.5 kV isolation.
<b>Marking</b>	CE, cULus, FCC.
<b>Warranty</b>	36 months

## Certifications

<b>Type tests</b>	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)
<b>CE</b>	Compliant with: RE directive 2014/53/EU ROHS2 2011/65/EU directive with amendment 2015/863 REACH regulation
<b>FCC/IC</b>	This product complies with the Part 15 of the FCC rules.

<b>Japan</b>	This device complies with Japanese regulations.
<b>Other</b>	Russia FSS notification
<b>Safety</b>	The product fulfils the requirements of: EN 62368-1:2014 + A11:2017 UL 62368-1 Second Edition CAN/CSA C22.2 No. 62368-1-14 Second Edition EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013

## Ordering Information

**ORDER CODE:** EC6133D\_00MA

**WARRANTY:** 3 years

For purchasing instructions and terms and conditions, see: → [How to buy](#)

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