Ewon Cosy+ Ethernet

Item number: EC71330_00MA

The Ewon Cosy+ gateway establishes a secure VPN connection between the machine (PLC, HMI, or other devices) and the remote engineer. The connection happens through Talk2m, a highly secured industrial cloud service. The Ewon Cosy+ makes industrial remote access easy and secure like never before!

Industrial VPN gateway for secure remote access to machines

Features and benefits

- **Successful remote connectivity in all situations**
  The Ewon Cosy+ offers multiple connectivity options for successful deployment in any situation.
- **Easily save time and money**
  Optimize costs by avoiding unnecessary service trips. Improve engineers well-being and productivity.
- **Easy - No IT skills required**
  Straightforward setup, to make machines IIoT-ready in minutes. Non-intrusive outbound connections.
- **Scalable solution that adapts to your needs**
  The Cosy+ and Talk2m offer excellent scalability - add as many devices and users as you need.
- **Maximize machine uptime and productivity**
  Industrial remote access empowers you to enhance machine uptime and boost operational efficiency.
- **State-of-the-art security**
  Built-in hardware security (Secure Element). ISO 27001 certified, machine LAN segregation, and more.
- **Efficient connectivity management**
  Manage all aspects of your connectivity from one single place (Talk2m industrial cloud service).
- **Successful worldwide connectivity**
  Benefit from Talk2m's reliable global infrastructure, with an extended Service Level Agreement.

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General

Net Width (mm)	42
Net Height (mm)	117
Net Depth (mm)	99
Net Weight (g)	198
Packed Width (mm)	168
Packed Height (mm)	45
Packed Depth (mm)	148
Packed Weight (g)	261
Operating Temperature °C Min	-25
Operating Temperature °C Max	+60
Storage Temperature °C Min	-30
Storage Temperature °C Max	+70
Input Voltage (V)	12-24 VDC +/-20%, LPS
Power Connector	9-pole
Configuration	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.
Mounting	DIN rail mount (bracket included), Wall mount
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3

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Data Features

Router Features	IP filtering, IP forwarding, NAT, Port forwarding, Proxy, Routing table, DHCP client/server
VPN	OpenVPN either in SSL UDP or TCP.
VPN Security	Communications between the remote user and the Ewon gateway 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

Identification and Status

Product ID	EC71330_00MA
Model Code	11702,01702
Predecessor	EC61330
Country of Origin	Lithuania
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	5A992.c

Physical Features

Connectors / Input / Output	1xDO: open drain (MOSFET) 200mA; isolation 1.5kV, 2xDI: 2 digital inputs on the green connector of the Cosy+ devices
WAN Specification	up to 3 ports,10/100 Mb Ethernet.
LAN Specification	up to 4 ports,10/100 Mb Ethernet
Contains Battery	Yes

Certifications and Standards

RoHS Compliant	Yes
CE	Yes
FCC	Yes
IC	Yes
UKCA	Yes

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Certifications and Standards

UL	Yes
UL Information	The product fulfils the requirements of: EN 62368-1:2020+A11:2020, J62368-1(2023), National standard SASO-IEC 62368-1:2020, AS/NZS 62368.1:2022, CSA/UL 62368-1:2019
KC	Yes
RCM	Yes
PTCRB	No
Environment	Operating and storage temperature 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 and Shock	Vibration & shocks tested according to: IEC 60068-2-27 Bumps IEC 60068-2-64 Vibration (broad-band random) IEC 60068-2-6 Vibration (sinusoidal)
Waste Certification (WEEE)	Yes
WEEE Category	IT and telecommunications equipment