Ewon Cosy+ 4G JP

Item number: EC7133N_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 secure industrial cloud service. The Ewon Cosy+ makes industrial remote access easy and secure like never before!

Easily get started with industrial remote access!

Features and benefits

Successful remote connectivity in all situations

The Ewon Cosy+ offers multiple connectivity options for successful deployment in any situation. Easy installation requires no advanced IT knowledge.

Quickly 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 enables you to enhance machine uptime and boost operational efficiency.

Rely on advanced hardware 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.

Ewon Cosy+ 4G JP

General

Net Width (mm)	42
Net Height (mm)	117
Net Depth (mm)	105
Net Weight (g)	225
Packed Width (mm)	168
Packed Height (mm)	45
Packed Depth (mm)	148
Packed Weight (g)	289.5
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.
Content of Delivery	This product consists of the following components: an industrial gateway in a plastic housing, a power connector, a SIM tray, legal references in paper version and branded cardboard box.
Not Included (in delivery)	Antenna
Mounting	DIN rail mount (bracket included), Wall mount
Housing Materials	Plastic

Ewon Cosy+ 4G JP

General

Packaging Material	Cardboard
Warranty (years)	3

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	EC7133N_00MA
Model Code	O4902
Predecessor	EC6133F
Country of Origin	Belgium
HS Code	8517699000
Dual Usage	No
Export Control Classification Number (ECCN)	5A992.c

Physical Features

SD Card Slot	SD
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

Wireless Features

Antenna Connector	SMA
Antenna	Not Included

Ewon Cosy+ 4G JP

Wireless Features

Frequencies & Bands	4G: B1, B3, B8, B18, B19, B26, B41 / 3G: B1, B6, B8, B19 Automatic fallback to 3G

Certifications and Standards

RoHS Compliant	Yes
CE	No
FCC	No
IC	No
UKCA	No
UL	Yes
KC	No
RCM	No
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
Other Certification	Giteki T