



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.



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. |

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. |

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General

| | |
|----------------------------|---|
| Not Included (in delivery) | Antenna |
| Mounting | DIN rail mount (bracket included), Wall mount |
| Housing Materials | Plastic |
| Packaging Material | Cardboard |
| Warranty (years) | 3 |

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

| | |
|-----------------------------|---|
| 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 |
| 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 | 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 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 |