



## Ewon Cosy+ 4G NA

Item number: EC7133K\_01MA

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.



| General                      |                                                                                                                                                                                                               |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Net Width (mm)               | 42                                                                                                                                                                                                            |
| Net Height (mm)              | 117                                                                                                                                                                                                           |
| Net Depth (mm)               | 105                                                                                                                                                                                                           |
| Net Weight (g)               | 223.5                                                                                                                                                                                                         |
| Packed Width (mm)            | 168                                                                                                                                                                                                           |
| Packed Height (mm)           | 45                                                                                                                                                                                                            |
| Packed Depth (mm)            | 148                                                                                                                                                                                                           |
| Packed Weight (g)            | 289                                                                                                                                                                                                           |
| 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. |
| Not Included (in delivery)   | Antenna                                                                                                                                                                                                       |
| Mounting                     | DIN rail mount (bracket included), Wall mount                                                                                                                                                                 |
| Housing Materials            | Plastic                                                                                                                                                                                                       |
| Packaging Material           | Cardboard                                                                                                                                                                                                     |



## General

|                  |   |
|------------------|---|
| 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                                  | EC7133K_01MA |
| Predecessor                                 | EC6133H_00MA |
| Country of Origin                           | Lithuania    |
| 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: B2, B4, B5, B12, B13, B14, B66, B71. 3G: B2, B5. Automatic fallback to 3G. Compatible with AT&T and T-Mobile networks. Not compatible with Verizon. |

## Certifications and Standards

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|





## Certifications and Standards

|                                   |                                                                                                                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FCC</b>                        | Yes                                                                                                                                                                                      |
| <b>IC</b>                         | Yes                                                                                                                                                                                      |
| <b>UKCA</b>                       | No                                                                                                                                                                                       |
| <b>UL</b>                         | Yes                                                                                                                                                                                      |
| <b>KC</b>                         | No                                                                                                                                                                                       |
| <b>RCM</b>                        | No                                                                                                                                                                                       |
| <b>PTCRB</b>                      | Yes                                                                                                                                                                                      |
| <b>Environment</b>                | 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 |
| <b>Vibration and Shock</b>        | 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>Waste Certification (WEEE)</b> | Yes                                                                                                                                                                                      |
| <b>WEEE Category</b>              | IT and telecommunications equipment                                                                                                                                                      |
| <b>Other Certification</b>        | AT&T and T-Mobile Networks Compatibility                                                                                                                                                 |