



## Ewon Cosy+ 4G APAC

Item number: EC7133M\_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**  
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- ✓ **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.



## Data Features

<b>Router Features</b>	IP filtering, IP forwarding, NAT, Port forwarding, Proxy, Routing table, DHCP client/server
<b>VPN</b>	OpenVPN either in SSL UDP or TCP.
<b>VPN Security</b>	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

<b>Net Width (mm)</b>	42
<b>Net Height (mm)</b>	117
<b>Net Depth (mm)</b>	105
<b>Net Weight (g)</b>	225
<b>Packed Width (mm)</b>	168
<b>Packed Height (mm)</b>	45
<b>Packed Depth (mm)</b>	148
<b>Packed Weight (g)</b>	289.5
<b>Operating Temperature °C Min</b>	-25
<b>Operating Temperature °C Max</b>	+60
<b>Storage Temperature °C Min</b>	-30
<b>Storage Temperature °C Max</b>	+70
<b>Relative Humidity</b>	10 to 95% relative humidity (non-condensing).
<b>Input Voltage (V)</b>	12-24 VDC +/-20%, LPS
<b>Power Connector</b>	9-pole
<b>Configuration</b>	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.



# Ewon Cosy+ 4G APAC

## General

Not Included (in delivery)	Antenna
Mounting	DIN rail mount (bracket included), Wall mount
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3
PLC Compatibility	Rockwell Automation/Allen Bradley, Siemens, Schneider Electric, Mitsubishi Electric, Vipa, Omron, Hitachi, Keyence, Yokogawa

## Identification and Status

Product ID	EC7133M_00MA
Model Code	04402
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



## Wireless Features

<b>Frequencies &amp; Bands</b>	4G: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B28, B38, B39, B40, B41 / 3G: B1, B2, B4, B5, B6, B8, B19. Automatic fallback to 3G
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## Certifications and Standards

<b>RoHS Compliant</b>	Yes
<b>CE</b>	No
<b>FCC</b>	No
<b>IC</b>	No
<b>UKCA</b>	No
<b>UL</b>	Yes
<b>KC</b>	No
<b>RCM</b>	Yes
<b>PTCRB</b>	Yes
<b>Environment</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
<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>	Giteki T