Ewon Edge Ethernet

Item number: EDGE-10

Ewon Edge is an industrial gateway designed for industrial players managing large machine fleets. It offers advanced data collection and monitoring capabilities. This robust solution enables secure industrial connectivity and access to machine performance data, empowering businesses to optimize operations and enhance the efficiency of their fleets.

Industrial gateway for powerful data monitoring and advanced management

Features and benefits

✓ **Powerful solution for remote data monitoring and remote access**

Efficiently manage large amounts of users and devices remotely, while meeting your data growth and customization requirements.?

✓ **Flexible industrial gateway that adapts to your needs**

Enhance Ewon Edge's capabilities with up to 4 extension modules that easily plug into the board connector.

✓ **Customer-centricity at the core of the solution**

Ewon Edge will continuously adapt with your inputs and industry advancements, making sure it perfectly matches your needs.

✓ **Advanced security from Ewon Edge to Ewon Cloud**

With ISO 27001 certification and industry-leading access controls, Ewon Edge ensures your communications and systems are secure.

✓ **Future-proof industrial gateway to keep up with the latest technologies**

Stay at the cutting edge of technology with regular updates, including 5G or AI, keeping the solution at the forefront of innovation.

✓ **Extended warranty for a durable gateway**

Built with exceptional quality and designed for lasting performance, Ewon Edge comes with a 5-year warranty for added peace of mind.

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Data Features

Router Features	Proxy, NAT, IP filtering, Port forwarding, NAT 1 :1, Multiple subnets*
VPN	Open VPN either through UDP 1194 or TCP 443 (HTTPS port).
VPN Security	Communications between the remote user and the Ewon gateway are encrypted , thereby ensuring data authenticity, integrity & confidentiality. LAN and WAN networks are segregated to restrict remote user access to the LAN. Remote access, data and configuration channels are separated to enable or disable communication channels independently. Secure Element to store sensitive data and cryptographic keys.

General

Net Width (mm)	24.6
Net Height (mm)	119.8
Net Depth (mm)	97.9
Net Weight (g)	151
Packed Width (mm)	178
Packed Height (mm)	39
Packed Depth (mm)	138
Packed Weight (g)	217
Operating Temperature °C Min	-25ºC
Operating Temperature °C Max	+60ºC
Storage Temperature °C Min	-30°C
Storage Temperature °C Max	+70°C
Relative Humidity	Operating: -25°C to +60°C, 10 to 95% relative humidity (non-condensing). Storage: -30°C to +70°C, 10 to 95% relative humidity (non-condensing).
Input Voltage (V)	12 - 24 Vdc +/-20%, LPS.
Power Connector	8-pole
Configuration	Device configuration through Ewon Cloud or USB

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General

Mounting	DIN rail mount (bracket included)
Housing Materials	Plastic
Warranty (years)	6
Packaging Material	Cardboard
PLC Compatibility	Rockwell Automation/Allen Bradley, Siemens, Schneider Electric, Mitsubishi Electric, Vipa, Omron, Hitachi, Keyence, Yokogawa

Identification and Status

Product ID	EDGE-10
Country of Origin	Belgium
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	5A992.c

Physical Features

Connectors / Input / Output	2x digital input: 0 to 24 Vdc; 1.5kVdc isolation. 1x relay output: max 500mA; 1.5kVdc isolation
WAN Specification	4 x RJ45 Ethernet 10/100/1000 Mbps. 3 LAN ports and 1 WAN port.
LAN Specification	4 x RJ45 Ethernet 10/100/1000 Mbps. 3 LAN ports and 1 WAN port.
SD Card Slot	None
Contains Battery	No

Safety and Security

Safety Standards	The product fulfils the requirement of: EN IEC 62368-1:2020+A11:2020, CSA/UL 62368-1:2019, J62368-1(2023) AS/NZS 62368.1:2022, National standard SASO-IEC 62368-1:2020

Certifications and Standards

Protection Class IP	IPX0
RoHS Compliant	Yes
CE	Yes

Ewon Edge Ethernet

Certifications and Standards

FCC	Yes
IC	Yes
UKCA	Yes
UL	Yes
cUL	Yes
UL Information	E350576
ATEX	No
DNV	No
KC	Yes
EMC	Yes
Mean Time Before Failure (MTBF)	3894500
RCM	Yes
PTCRB	No
Waste Certification (WEEE)	Yes
Other Certification	Japan: This device complies with Japanese regulations. Other: South Korea KC, RCM for Australia and New Zealand.