Ewon Edge 310 Gateway-Ethernet



Item number: EE310

Ewon Edge 310 is designed to keep remote access straightforward and dependable. Its setup process is intuitive, and managing users through Ewon Cloud remains smooth. This makes it a natural choice for environments where teams need a trustworthy gateway that can be rolled out quickly and operated every day without unnecessary complexity.

A reliable Ethernet gateway that provides secure remote access and cloud connectivity for straightforward machine troubleshooting.

Features and benefits

Simple access control for an unlimited number of users

Administer user login flows and access rights in Ewon Cloud with strong authentication and end to end visibility across your environment.

Flexible deployment & recovery

Supports USB based configuration for offline gateways, enabling fast on site setup or recovery without relying on a live cloud connection.

Clarity in every action

User and access management becomes effortless with a single, unified control space. Technicians always know where to go, what to do, and how to do it.

Configurable network segmentation

Lets you define and manage LAN and WAN interfaces independently, giving full control over how industrial devices are isolated or exposed within your architecture.

A durable foundation for your operations

Built to provide steady, predictable performance.

Clarity for smarter decisions

Dashboards for commissioning and remote access give you the visibility you need to choose the right plan and adjust it whenever your operations evolve needed.

Ewon Edge 310 Gateway-Ethernet



General

Internal Storage	4
Related Accessories	FAC70201_0000, FAC70101_0000
Net Width (mm)	25
Net Height (mm)	120
Net Depth (mm)	151
Net Weight (g)	151
Packed Width (mm)	39
Packed Height (mm)	138
Packed Depth (mm)	178
Packed Weight (g)	217
Operating Temperature °C Min	-25C
Operating Temperature °C Max	+60C
Storage Temperature °C Min	-30C
Storage Temperature °C Max	+70C
Relative Humidity	Operating: -25C to +60C, 10 to 95% relative humidity (non-condensing). Storage: -30C to +70C, 10 to 95% relative humidity (non-condensing).
Input Voltage (V)	18 - 24 Vdc +/-20%, LPS.
CPU	Single Core
RAM	1
Power Connector	8-pole

Ewon Edge 310 Gateway-Ethernet



General

Configuration	Device configuration through Ewon Cloud or USB
Mounting	DIN rail mount (bracket included)
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	1

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.

Identification and Status

Product ID	EE310
Model Code	01003
Country of Origin	Belgium
HS Code	8517620000
Dual Usage	No

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 Mbps. 3 LAN ports and 1 WAN port.
LAN Specification	4 x RJ45 Ethernet 10-100 Mbps. 3 LAN ports and 1 WAN port.
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

Protection Class IP	IPX0

Ewon Edge 310 Gateway-Ethernet



Certifications and Standards

Product Certifications	KC, RCM, CE (RED/EMC) , FCC, IC, UKCA, cURus
UL Information	E350576
Other Certification	Japan: This device complies with Japanese regulations.Other: South Korea KC, RCM for Australia and New Zealand.