

Ewon Edge 310 Industrial Remote Management Gateway



- Internet access via WAN (Ethernet), Wi-Fi (planned), or cellular (planned)
- Integrated switch for machine LAN
- State-of-the-art cybersecurity-by-design
- Direct connection capability for machines and systems (PLCs and field devices)
- Space-saving design (only 25 mm wide)
- Designed for use with the Ewon Cloud

<https://www.wachendorff-prozesstechnik.de/en/edge-310>

Description

The Ewon Edge 310 was designed to make remote access simple and reliable. Setup is intuitive, and user management via Ewon Cloud is seamless. This makes the Ewon Edge 310 the ideal choice for environments where teams need a reliable Gateway that can be deployed quickly and doesn't introduce unnecessary complexity into day-to-day operations.

Simple access control for an unlimited number of users

Manage user logins and access rights in the Ewon Cloud with strong authentication and end-to-end transparency across your entire environment.

Configurable network segmentation

Enables the independent definition and management of LAN and WAN interfaces, giving you full control over how industrial devices are isolated or exposed within your architecture.

Flexible Deployment and Recovery

Supports USB-based configuration for offline Gateways, enabling rapid on-site setup or recovery without relying on a live Cloud connection.

Stable Foundation for Operations

Designed for consistent, predictable performance.

Clarity in Every Action

User and access management takes place effortlessly in a single, unified control panel. Technicians always know where to go, what to do, and how to do it.

Clarity for Smarter Decisions

Dashboards for commissioning and remote access give you the transparency you need to select the right plan and adapt it as your operations evolve.

Interfaces:	• 1 x WAN RJ45 Ethernet 10 / 100 Mbit/s • 3 x LAN RJ45 Ethernet 10 / 100 Mbit/s • 1 x USB 2.0 port (max. 500 mA) • Up to 2 expansion modules
Inputs and Outputs:	• 2x digital inputs (0 to 24 VDC, can be used as key switches) • 1x relay output (max. 500 mA)
Internal memory:	4 GB
RAM:	1 GB
Power supply:	12 VDC to 24 VDC $\pm 20\%$, LPS
Operating temperature:	Operating temperature: -25 °C to +60 °C
Relative humidity:	10% to 95%, non-condensing
Assembly:	DIN rail (DIN)
Weight:	151 g
Dimensions HxDxW (mm):	120 x 151 x 25
Protection Class:	IPX0
Certificates & Approvals:	KC, RCM, CE (RED/EMC), FCC, IC, UKCA, cURus
Manufacturer:	HMS Industrial Networks AB

Products Order no.

EE310	Ewon Edge 310 Ethernet WAN/LAN
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Accessories Order no.

DRS4-24A	Power supply unit for DIN rail, 85 to 264 VAC, 24 VDC 4.2 A, screw terminal
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Product details

VPN Security:	Communication between the remote user and the Ewon Gateway is encrypted, ensuring the authenticity, integrity, and confidentiality of the data. LAN and WAN networks are separated to restrict remote users' access to the LAN. Remote access, data, and configuration channels are separated to allow communication channels to be enabled or disabled independently of one another. Secure element for storing sensitive data and cryptographic keys.
Router Features:	Proxy, NAT, IP filtering, port forwarding, 1:1 NAT, multiple subnets
Establishing a VPN connection:	Outgoing connection via HTTPS port 443 or UDP port 1194
Configuration:	Online via the Ewon Cloud or offline via USB



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