Ewon Edge 320 Gateway-WiFi

Item number: EE320

Ewon Edge 320 focuses on delivering the essential capabilities required for everyday service operations: easy configuration, stable connectivity, and seamless integration with the Ewon Cloud platform. Its streamlined design makes it well suited for installations where simplicity, reliability, and fast deployment are key priorities.



A reliable Wi-Fi gateway that delivers secure remote access and cloud connectivity, designed to help you access your machines seamlessly.

Features and benefits

Access control through MFA

Manage user sign-ins and permissions across Ewon Cloud while maintaining robust authentication and complete operational traceability,

Lifecycle management made simple

Streamlines every stage of gateway operation from configuration to updates and troubleshooting ensuring consistent performance across the entire fleet.

Onboardng without the overhead

New users become operational in minutes thanks to intuitive design and plug-and-play setup. Just a gateway that works the way people expect it to.

Secure OT/IT integration

Enables safe bridging between corporate and industrial networks using controlled routing and proxy support, ensuring connectivity without compromising security posture.

Reliable for years to come

Built on a stable architecture that ensures dependable performance over the long term.

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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)	16 - 24 Vdc +/-20%, LPS.
CPU	Single Core
RAM	1
Power Connector	8-pole

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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	EE320
Model Code	02003
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

Wireless Features

Antenna Connector	RP-SMA Male (WiFi)
Antenna	Included

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Wireless Features

Wifi Standards	IEEE 802.11 a/b/g/n, single stream and dual-band 2.4/5GHz

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

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