Netbiter EC310

Item number: NB1007-C

Ewon Netbiter enables you to remotely monitor and control field equipment - from anywhere. With this rugged gateway connected to the cloud solution Argos, remote installations can be monitored and controlled online 24/7.



Remote communication gateway exchanging data over Ethernet to the Netbiter Argos IIoT platform

Features and benefits

24/7 remote management of field equipment

With an Ewon Netbiter gateway connected to the Argos cloud service, you have a way of staying on top of equipment status and operations remotely. You can track performance, get alarms if something is wrong, and even manage and configure your equipment via computer or smartphone.

Receive alarms by push notifications, email or SMS.

Receive alarms for particular events or conditions. This feature ensures prompt notifications for equipment status and access to both current and past alarm records. Download app at app.netbiter.net

Control systems and user access privileges

Get an immediate overview of your systems and user access privileges. Benefit from strong project management capabilities, enabling you to define projects and functions with total control.

Backed by solid security features

Rely on strong hosting and security features: Argos servers (used by Netbiter gateways) ensure stability with redundancy and geographically separated setups, supported by skilled personnel.

Instant, secure access from any web browser

Netbiter gateways send encrypted data via the cellular network or Ethernet to the Argos data center in the cloud. Argos is a secure, cloud-based hosting service where all your data is stored and accessed. You can then view and manage your equipment via any browser at www.netbiter.net

Easy to connect

Netbiter gateways enable easy remote connectivity to your field equipment. Easily & securely connect to your field assets via Modbus (serial or Ethernet), EtherNet/IP or CAN.

Designed for scalability

Use with one-off installations or large multi-user projects and sites. Its adaptable and robust design ensures seamless remote monitoring, making it an ideal choice even for the most complex projects.

Remote access to field equipment

Remotely configure a PLC or machine in the field by creating a highly secure tunnel. This allows for configuration, programming, or debugging of nearly any industrial device from any location.

Netbiter EC310



General

Net Width (mm)	130
Net Height (mm)	25
Net Depth (mm)	100
Net Weight (g)	450
Packed Width (mm)	135
Packed Height (mm)	59
Packed Depth (mm)	173
Packed Weight (g)	480
Operating Temperature °C Min	-40
Operating Temperature °C Max	65
Storage Temperature °C Min	-45
Storage Temperature °C Max	85
Power Consumption (W)	2.5
Input Voltage (V)	9 -32
Configuration	Configured from Argos
Content of Delivery	Gateway DIN Rail Mounting Kit Installation Guide Activation Information
Not Included (in delivery)	Power Supply
Mounting	Wall mount, DIN rail mount (bracket included)
Housing Materials	Metal Housing

Netbiter EC310



General

Packaging Material	Cardboard
Warranty (years)	1

Identification and Status

Product ID	NB1007-C
Country of Origin	Sweden
HS Code	8517699000
Dual Usage	No

Physical Features

SD Card Slot	SD
Connectors / Input / Output	Power (BCP-508-2), RS485 (BCP-508-3), RS232 (BCP-508-3), CAN (BCP-381-15), Relay (BCP-381-15) , Analog-IN x 4 (BCP-381-15) , Digital-IN x 2 (BCP-381-15) , Ethernet (WAN and LAN) , USB (Micro)
Contains Battery	No

Wireless Features

GPS Supported	No

CANopen Features

CANopen Mode	CANopen Master
CANopen Baud Rate	50, 125, 250, 500, 1000
CANopen Supported Functionality	SDO Client, NMT Master, HB Consumer
CANopen No. Of Slaves	1

Modbus-RTU Features

Modbus-RTU Mode	Master / Client

Modbus-TCP Features

Modbus-TCP Mode	Master / Client

Serial Features

Max Stations	1
Connector	3-Pin Connector

Max Nodes	1

Netbiter EC310



Serial Features

Ports	1 x RS232 1 x RS485
Baud Rate	9600 - 115200 bit/s

Certifications and Standards

Product Certifications	CE, UL, FCC, IC
PTCRB	No
WEEE Category	IT and telecommunications equipment