

IIoT gateway with remote access



- Data acquisition from all well-known control systems
- Data recording of up to 1,000,000 data points
- Data transfer via FTP, HTTP, e-mail
- Data provision via ModbusTCP, OPC-UA, MQTT
- Integrated web visualization
- Alarm notification by e-mail, SMS or SNMP
- BASIC and Java programmability

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

Description

The EwonFlexy 205 remote maintenance router includes the obligatory, secure remote access to the system via VPN as well as a variety of data services that enable data recording, alarming and visualization.

The router comes with 4 Ethernet interfaces, which can be individually assigned to either the LAN or WAN interface via the configuration. The Flexy can also be connected to existing WLAN networks for Internet access using the WLAN expansion card supplied. The I/O expansion card and the simulation module can be used to simulate analog and digital inputs in order to easily get to know the functions of the Flexy. As an alternative to the expansion cards supplied, other expansion cards can be plugged into the base module to connect different field devices. These expand the connection of further field devices with, for example, MPI/USB/RS232/485/E/As.

An Internet connection is also possible with the optional expansion cards for mobile radio.

Perfect interaction with the Talk2M connection portal. With its help, central device and user management is easily possible. Talk2M provides additional services such as the alarm relay function and a data mailbox. M2Web can be used to access field devices that have a web server, VNC or RDP server from any end device with a web browser.

Product details

VPN mode:	OpenVPN 2.0 in SSL UDP or HTTPS mode
Integrated drivers:	OPC-UA, ISO-on-TCP (S7), MPI (S7), PPI (S7), MODBUS-RTU, MODBUS-TCP, Unitelway, DF1, FINS Hostlink, FINS TCP, EtherNet/IP™, Mitsubishi FX, Hitachi EH, ASCII, SNMP, BACnet/IP.
Data logging:	Up to 1,000,000 data points in flash memory, fail-safe. Data export via FTP or e-mail.
Real-time clock:	Integrated real-time clock with NTP synchronization
Programmable:	Via BASIC-Script or Java 2 Standard Edition
Interfaces:	4x RJ45 Ethernet 10/100 Mbit/s 1x SD card slot
Memory:	30 MB for user files
Power supply:	12 to 24 VDC +/- 20 %, max. 30 W
Weight:	< 500 g
Dimension:	D x H x W: 122 x 133 x 55 (mm)
Operating temperature:	-25 °C to +60 °C

Relative humidity:	10 % to 95 %, non-condensing
Inputs and outputs:	2x digital input (24 VDC) 1x digital output (MOSFET, 200mA@30 VDC)
Assembly:	Top hat rail
Protection class:	IP20
Certificates:	CE, FCC, UL,
Scope of delivery:	- Ewon Flexy 205 base module - Ewon Flexy WLAN expansion card incl. antenna (FLB3271) - Ewon Flexy I/O expansion card (FLX3402) - I/O simulation module - Ethernet cable - Plug-in power supply (24V) - Quick Start Guide - Screwdriver
	This promotion is limited to one starter kit per company. All prices plus VAT and shipping costs.
Manufacturer:	HMS Industrial Networks AB

Products Order no.

FLEXYSTK205	Starter kit Ewon Flexy 205
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Accessories Order no.

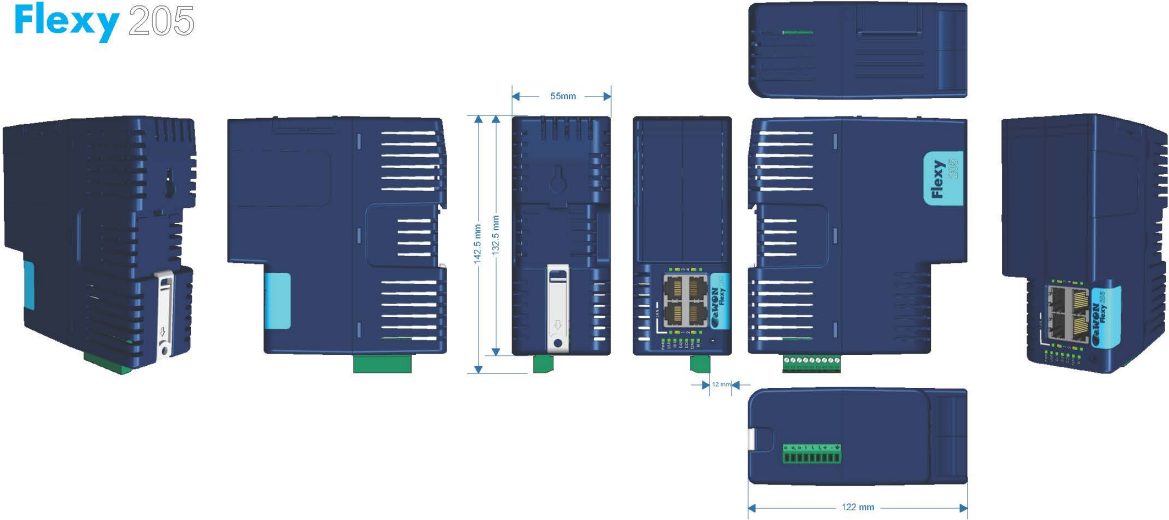
FLA3301	Expansion card with 2 serial interfaces
FLB3203	Expansion card for mobile communications LTE North America Verizon
FLB3204	Expansion card mobile radio LTE Europe
FLB3205	Expansion card mobile radio LTE North America AT&T
FLB3209	Expansion card Mobile radio LTE Asia Pacific Africa China
FLB320A	Expansion card mobile radio LTE Europe
FLB3601	Expansion card 3x USB 2.0
FLC3701	Expansion card with MPI/Profibus interface (Only for Ewon Flexy 205)

FLX3101	Expansion card with 1x Ethernet WAN
WEEUM1	Extended User Memory 1GB
WLANANT20	Magnetic base antenna with SMA-R connector 2.4 GHz@2 dBi with 1.8 m cable

Drawings

Dimensions

Flexy 205





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