

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/Flexy205>

Description

The EwonFlexy 205 remote maintenance router includes not only the obligatory secure remote access to the system via VPN, but also 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 the LAN or WAN interface via the configuration. Additional options for the Internet connection, such as mobile radio or WLAN, can be selected via expansion cards. Further cards for connecting field devices with MPI, serial interface or digital and analog inputs and outputs.

Additional expansion cards can be plugged into the base module to connect various field devices such as 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 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 embedded Java 2 Standard Edition
Interfaces:	4x RJ45 Ethernet 10/100 Mbit/s (configurable as WAN/LAN) 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
Conformity:	CE, FCC, UL
Manufacturer:	HMS Industrial Networks AB

Products Order no.

FLEXY205	Flexy 205, the remote maintenance and M2M router Base module configurable with 4x LAN/WAN
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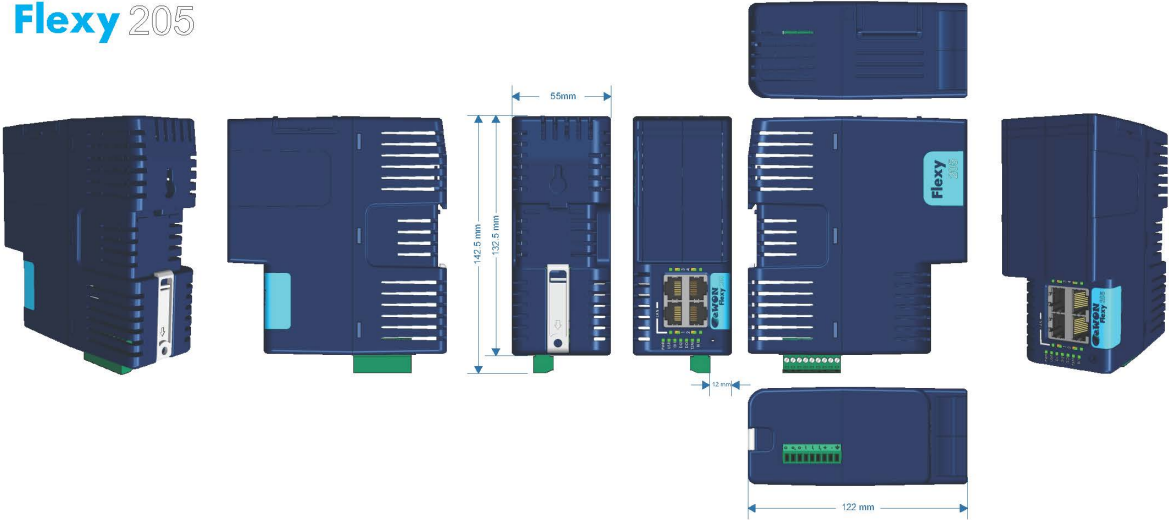
Accessories Order no.

FLB320A	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
FLA3301	Expansion card with 2 serial interfaces
FLB3271	Expansion card with 1x WLAN incl. short rod antenna
FLB3601	Expansion card 3x USB 2.0
FLX3101	Expansion card with 1x Ethernet WAN
FLX3402	Digital and analog I/O expansion card
FLC3701	Expansion card with MPI/Profibus interface (Only for Ewon Flexy 205)
WEEUM1	Extended User Memory 1GB
FLZUBCO1	Flexy/Cosy131 connection terminal for power supply and I/O, 9-pole, rated voltage 160 V, rated current 8 A, rated conductor size 0.8 mm ² to 1.5 mm ² , color green RAL6018,
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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