



Features

- ✓ Remote access to Ethernet-enabled devices such. PLC, HMI, IP camera
- ✓ WAN, WIFI, 3G or LTE variants available
- ✓ WAN interface for fail-over operation (3G, LTE and Wifi)
- ✓ Space saving and compact
- ✓ Integrated 4-port LAN switch
- ✓ Integrated firewall
- ✓ Digital inputs and outputs for establishing a connection, status display and alarm
- ✓ Easy and fast configuration via the myREX24 VPN portal
- ✓ Read, visualize, alarm and log data from PLC
- ✓ Remotely maintain USB devices over the Internet
- ✓ DHCP server, DNS server, Dyn DNS, NTP server, PPP server (DSL modem)

Industrial-Router REX 200 with WAN LTE (EU & Asia)

More than just remote maintenance! With REX industrial routers, you can access all components in your machine. Set up simple alerts and use your smartphone to access services within the system - such as websites or VNC-enabled components.

The REX 200 routers are designed for operation in conjunction with the myREX24 V2 portal: The complete parameterization and remote maintenance is carried out via the portal. In addition to remote maintenance, the REX 200 routers can also read data from the PLC, visualize and generate alarms. For remote maintenance and data transmission, the industrial router uses an encrypted VPN tunnel based on the secure OpenVPN protocol.

With the 4 digital inputs, alarms can be sent via SMS and email via the myREX24 V2 Portal. The 2 digital outputs can be system states of the router, e.g. with a lamp on the control cabinet, or can be activated via the portal.

The USB host interface available on all devices enables the connection of USB device devices (eg programming interface of a drive) via the remote maintenance tunnel (USB-over-IP).

The REX 200 LTE has an LTE modem, which connects to the myREX24 V2 portal. The WAN interface, which is also available, can form a fail-over network in conjunction with the 3G modem. The integrated 4-port switch can be used to connect the Ethernet nodes of the machine to the router on the available RJ45 ports.

The LTE modem used supports use in Europe and Asia. For using the router in North America, please use the "REX 100 with LTE modem for North America" (700-875-LTE11). In general, before using an LTE router, please compare the LTE frequency bands of the selected device with the supported frequency bands of the provider in the country of use. We will be happy to help you.

Please use a standard cell phone data plan when selecting a cell phone contract. Please avoid IoT tariffs, as these are often only designed for small data volumes or transmission speeds.

General information

Order number	700-877-LTE02
Article name	REX 200 LTE, 4 x LAN (switch)/1 x WAN/1 x LTE modem
Scope of delivery	REX 200 LTE, Quick Start Guide
Dimensions (DxWxH)	35 x 89 x 75 mm
Weight	Approx. 220 g
Status indicator	8 LEDs, function status
	10 LEDs, Ethernet status
Voltage supply	24 V DC, 18... 28 V DC
Current draw	max. 90 mA with DC 24 V

GSM modem

GSM-Modem	Multiband GSM/GPRS/WCDMA/LTE data interface
Antenna terminal	SMA socket (exterior thread)
SIM card type	Standard SIM 1.8 V/3 V
GSM frequency bands	GSM/GPRS/EDGE: 850, 900, 1800, 1900
UMTS frequency bands	B1 [from HW x-x-3B], B2 [up to HW x-x-3A], B3 [from HW x-x-3B], B8
Transmit power	Class 1, E2, 3, 4
Data transmission rate	HSxPA+ (Uplink max. 5,76 Mbit/s Downlink max. 42,0 Mbit/s)
	LTE (Uplink max. 50 Mbit/s Downlink max. 150 Mbit/s)
LTE frequency bands (MHz)	B1, B3, B7, B8, B20 [only HW x-x-3A], B28A [from HW x-x-3B]

WAN interface

Number	1
Type	10-Base-T/100-Base-T
Connection	RJ45 socket
Transmission rate	10/100 Mbps

LAN interface

Number	4
Type	10-Base-T/100-Base-T
Connection	RJ45 socket
Transmission rate	10/100 Mbps

USB interface

Number	1
Protocol	USB 2.0 host
Connection	USB A socket

Ambient conditions

Ambient temperature	-40 °C ... +75°C
Transport and storage temperature	-40 °C ... +85 °C
Relative air humidity	95 % r. H. without condensation
Pollution degree	2
Protection rating	IP20
Approvals	CE