

REX 200, Ethernet router

REX 200 LTE, 4 x LAN (switch)/1 x WAN/1 x LTE modem

- 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
- Dual SIM (3G and LTE)
- DHCP server, DNS server, Dyn DNS, NTP server, PPP server (DSL modem)

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.

Technical specifications

General information	
Order number	700-877-LTE01
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
Digital inputs Type	4 pieces DIN EN 61131-2 Type 3
Digital outputs electricity	2 pieces max. 0.5 A for each output
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	UMTS/HSPA: (B5)800/850, (B8)900, (B4)AWS 1700, (B2)1900, (B1)2100 class 1
LTE frequency bands (MHz)	B20 (800), B3 (1800), B7 (2600)
Transmit power	Class 1, E2, 3, 4
Data transmission rate	HSPA+ (upload 5.76 Mbps download 42.0 Mbps); LTE (upload 50 Mbps download 100 Mbps)
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
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
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
Certifications	CE
CE	
RoHS	Yes
REACH	Yes