



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 firewall
- ✓ Integrated 4-port LAN switch
- ✓ Digital inputs and outputs for connection establishment, status display and alarm
- ✓ Easy and fast configuration via the myREX24 VPN portal
- ✓ Read, visualize and log data from PLC
- ✓ Direct connection of S7-MPI / PROFIBUS devices
- ✓ Free S7-MPI / PROFIBUS driver
- ✓ Remote control of remote devices via Internet (RS232)
- ✓ Remotely maintain USB devices over the Internet

Industrial-Router REX 250 with WAN WiFi

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 250 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 250 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.

The REX 250 routers also enable remote maintenance and data access to PLCs via an MPI / PROFIBUS and via an RS232 interface.

With the 4 digital inputs, alarms can be sent via SMS and email via the myREX24 V2 Portal. The 2 digital outputs can change the 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 250 WiFi establishes the connection to the myREX 24 V2 portal via WLAN. Additional Ethernet devices can be connected to the router via the integrated 4-port switch. For data transmission, our industrial router uses an e

General information

Order number	700-878-WIF02
Article name	REX 250 WiFi, 4 x LAN (Switch)/1 x WAN/1 x WiFi
Scope of delivery	REX 250 WiFi, Quick Start Guide
Dimensions (DxWxH)	35 x 100 x 73 mm
Weight	Approx. 250 g
Status indicator	4 LEDs, function status
	8 LEDs, Ethernet status
Voltage supply	24 V DC, 18... 28 V DC
Current draw	max. 100 mA at DC 24 V

I/O

Digital inputs	4x DIN EN 61131-2 Type 3
Digital outputs	2x max. 0.5 A for each output

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

Serial Interface

Type	RS-232/422/485 (software switchable)
Protocol	transparent access via virtual COM port
Transmission rate	300 bauds ... 115 k bauds

PROFIBUS interface

Transmission rate	up to 12 Mbps
Interface	RS-232/485 (software switchable)
Connection	Socket, SUB-D, 9-pin

VPN

VPN protocol	IPsec/PPTP/OpenVPN, 64 tunnels
Encryption Method	Blowfish, AES, DES/3DES
Encryption algorithms	MD5, SHA1
Authentication	Pre-shared key, X.509

Network/security

Firewall	1:1 NAT, IP filter, port forwarding, stateful inspection
IP router	NAT IP, TCP/IP routing, IP forwarding
Services	DHCP server, DHCP client, DNS server, NTP client, PPP server, DynDNS
Time comparison	NTP server

Ambient conditions

Ambient temperature	-40 °C ... +75 °C
Transport and storage temperature	-40 °C ... +85 °C
Relative air humidity	0 – 95% non-condensing
Pollution degree	2
Protection rating	IP20
Approvals	CE