

IE-SR-4TX-LTE/4G-EU

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Weidmüller Industrial Security Routers

- Secure networks
 - Stateful packet inspection Firewall
 - IP/Port- forwarding
 - Network segmentation
- Easy integration of machine networks into manufacturing networks through 1: 1 NAT
- Secure and easy remote maintenance with Weidmüller u-link remote access service
- Enable modular and future proof network architectures with static and dynamic routing
- Secure communication over the Internet by using IPsec and OpenVPN
- Reliable internet connection, even without on-site internet access, thanks to integrated 4G/LTE cellular modem
- Full flexibility thanks to Fast Ethernet and Gigabit Ethernet interfaces ranging from 2 up to 4 ports.

General ordering data

Version	Security/NAT/VPN/U-link Router, with integrated multi-band modem (4G/3G/2G), EU-model, Fast Ethernet, 4x RJ45 10/100BaseT(X), IP30, -30 °C...70 °C
Order No.	2751280000
Type	IE-SR-4TX-LTE/4G-EU
GTIN (EAN)	4050118899962
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

Dimensions and weights

Depth	94.8 mm	Depth (inches)	3.7323 inch
Height	134.5 mm	Height (inches)	5.2953 inch
Width	29.9 mm	Width (inches)	1.1772 inch
Net weight	213 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-30 °C...70 °C
Humidity	5 - 90 %, no condensation		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption		
RoHS Exemption (if applicable/known)	6c, 7a, 7cl		
REACH SVHC	Lead 7439-92-1		
SCIP	9229992a-00b9-4096-8962-200a7f33e289		

Mobile radio interface

Transmission rate mobile radio	LTE category	CAT 4	
	Download rate, max.	150 Mbit/s	
	Upload rate, max.	50 Mbit/s	
Mode of operation	Permanent connection, Manual connection control via web interface, Fallback		
Wireless module	multi-band modem (4G/3G/2G)		
Frequency band	LTE-FDD: B1,B3,B7,B8,B20,B28, LTE-TDD:, B38, B40, B41, WCDMA: B1,B5,B8, GSM/GPRS/EDGE: 850,900,1800 MHz		

EMC conformity and approvals

EMC standards	EN 55032, EN 55024, EN 61000-6-2, EN 61000-6-4	Wireless	EN 301 489-1, EN 301 489-52, EN 301 511, EN 301 908-1, EN 301 908-2
Vibration	according to IEC 60068-2-6	Shock	according to IEC 60068-2-27
Safety standard	UL 61010-1, UL 61010-2-201, EN 62368-1, EN 62311	Security standard	EN 18031-1

Environmental conditions

Operating temperature, max.	70 °C		
Operating temperature, min.	-30 °C		
Humidity	5 - 90 %, no condensation		
Storage temperature, max.	85 °C		
Storage temperature, min.	-40 °C		
Operating altitude	Altitude, max.	2000 m	

Creation date 17.02.2026 09:38:05 MEZ

Catalogue status / Drawings

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Note	in acc. with UL
Altitude, max.	6000 m
Note	for restrictions, see the manufacturer's declaration for operating altitude in section downloads

Guarantee

Time interval 3 years

Interfaces

RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port	Number of ports	4x RJ45 10/100BaseT(X)
Function reset button	Restoration of factory settings	Digital inputs	1x, galvanically isolated, VPN-initiate: establishes a pre-configured VPN connection (24 V in), Cut: physically disconnects (Link Down) the WAN port (24 V in), Trigger pre-configured packet filter rules (24 V in)
SCM-Card slot type	Smart Card (ID-000 format), Save and restore the configuration using smart card (memory chip)	SIM-Card slot type	Mini-SIM (ID-000 format)
Connector for external antennas	1x SMA female	Serial port	1x RS-485, 2-wire, galvanically isolated, 1 removable 3-pole terminal block
Number of SIM-Card slots	1	Number of SCM-Card slots	1
LED indicator	Power: indicates power supply status, boot-up process, firmware update process, Status: indicates system status, VPN: indicates VPN tunnel status, LTE/4G: indicates mobile radio connection status, Port LED: Link/ACT, Speed (RJ45 port)		

Management features

Device configuration	Webbrowser (HTTP/HTTPS), SNMP v3, Windows tool	Monitoring function	SNMP v3, Syslog, Event based warning via SNMP trap
IP-address management	Static, DHCP-Client, DHCP-Server (pool-based), DNS-Relay	Time synchronization management	NTP client, NTP server
Industrial protocol support	Modbus/TCP slave		

Power supply

Reverse polarity protection	Yes
Supply voltage	24 V DC, 1 single input
Overload current protection	Yes
Connection type	1 removable 4-pin terminal block
Voltage supply range	Voltage type DC
	Voltage, min. 19.2 V

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Current consumption	Voltage, max.	28.8 V
	Voltage	24 V
	Current	0.8 A

Routing Features

NAT functions	Source / Destination NAT (Port / Host / Network)	Firewall functions	Stateful Packet Inspection Firewall (Layer-3), Transparent bridge mode (4-port switch with additional Layer-2 filter)
VPN functions	u-link client, OpenVPN (Server or Client), IPSec (Initiator or Responder)	Routing functions	IPv4 routing, Static and dynamic IP Routing, RIPv2 / OSPF

Technical data

Housing main material	Plastic	Type of mounting	DIN rail
Protection degree	IP30	Speed	Fast Ethernet

Technology

Standard	IEEE 802.3 for 10BASE-T, IEEE 802.3u for 100BASE-TX
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Important note

Product information	For the SCM card usage please check the compatibility list for suitable router models and hardware revisions found at the SCM card IE-EBR-SMARTCARD-SR 2909820000.
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Classifications

ETIM 8.0	EC001478	ETIM 9.0	EC001478
ETIM 10.0	EC001478	ECLASS 14.0	19-17-04-05
ECLASS 15.0	19-17-04-05		