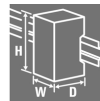


**IE-SR-4TX-LTE/4G-USEMEA****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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), US/EMEA-model, Fast Ethernet, 4x RJ45 10/100BaseT(X), IP30, -30 °C...70 °C
Order No.	<a href="#">2739630000</a>
Type	IE-SR-4TX-LTE/4G-USEMEA
GTIN (EAN)	4050118890365
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	94.8 mm	Depth (inches)	3.732 inch
Height	134.5 mm	Height (inches)	5.295 inch
Width	29.9 mm	Width (inches)	1.177 inch
Net weight	213 g		

## Temperatures

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

## Mobile radio interface

Frequency band	EMEA / Americas, LTE: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B12 (700ac), B13 (700c), B20 (800DD), B25 (1900), B26 (US 850 Ext), B29 (US 700de Lower), B30 (2300 WCS), B41 (TDD 2500), UMTS: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B8 (900)		
Mode of operation	Permanent connection, Manual connection control via web interface, Manual connection control via API or SMS, Fallback		
Transmission rate mobile radio	LTE category	CAT 6	
	Download rate, max.	300 Mbit/s	
	Upload rate, max.	50 Mbit/s	
Wireless module	multi-band modem (4G/3G)		

## VPN

IPsec	Configurable as IPsec server or client	OpenVPN	Configurable as OpenVPN server or client (Layer 2 and Layer 3), Authentication via X.509 certificate, Tunnel support via HTTP proxy, Maximum 10 different client or server configurations
u-link	OpenVPN-based remote access service via the Weidmüller u-link cloud		

## Modes of operation

IP router	IP routing (IPv4, Layer-3) with SPI firewall (Stateful Packet Inspection), Static or dynamic routing, Supports RIPv2 / OSPF	Transparent bridge	4-port switch with additional Layer-2 filter
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## EMC conformity and approvals

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

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## Environmental conditions

Humidity	5 - 90 %, no condensation	
Operating altitude	Altitude, max.	2,000 m
	Note	in acc. with UL
	Altitude, max.	6,000 m
	Note	for restrictions, see the manufacturer's declaration for operating altitude in section downloads
Operating temperature, max.	70 °C	
Operating temperature, min.	-30 °C	
Storage temperature, max.	85 °C	
Storage temperature, min.	-40 °C	

## Guarantee

Time interval	3 years
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## Interfaces

Connector for external antennas	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)
Function reset button	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)
Number of SCM-Card slots	Number of SIM-Card slots	1
Number of ports	RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port
SCM-Card slot type	SIM-Card slot type	Mini-SIM (ID-000 format)
Serial port		

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## Technical data

## Management features

Device configuration	Webbrowser (HTTP/HTTPS), SNMP v1/v2c/v3, Windows tool	Monitoring function	SNMP v1/v2c/v3, Syslog, Event based warning via E-Mail
IP-address management	Static, DHCP-Client, DHCP-Server (pool-based)	Security functions	IPv4 Stateful Packet Inspection Firewall (incoming/outgoing), NAT masquerading, 1:1 NAT, IP forwarding, Port forwarding
Time synchronization management	NTP client	Industrial protocol support	Modbus/TCP slave

## Power supply

Connection type	1 removable 4-pin terminal block	
Current consumption	Voltage	24 V
	Current	0.8 A
Reverse polarity protection	Yes	
Voltage supply	24 V DC, 1 single input	
Voltage supply range	Voltage type	DC
	Voltage, min.	19.2 V
	Voltage, max.	28.8 V

## Technical data

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

## Classifications

ETIM 6.0	EC001478	ETIM 7.0	EC001478
ETIM 8.0	EC001478	ETIM 9.0	EC001478
ECLASS 9.0	19-17-01-03	ECLASS 9.1	19-17-01-03
ECLASS 10.0	19-17-04-05	ECLASS 11.0	19-17-04-05
ECLASS 12.0	19-17-04-05	ECLASS 13.0	19-17-04-05

## Environmental Product Compliance

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

## 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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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity</a> <a href="#">UK Declaration of Conformity</a> <a href="#">Manufacturer's declaration for operating altitude</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">Firmware Release Notes</a> <a href="#">Product Change Notification (Mobile radio modem)</a>
Software	<a href="#">Software – u-link VPN-Client</a> <a href="#">Software – Router Search Utility</a> <a href="#">Device description – SNMP MIB file</a> <a href="#">Firmware – Current Firmware</a>
User Documentation	<a href="#">u-link Technical User Guide</a> <a href="#">User Note - Secure Router Configuration</a> <a href="#">Hardware Installation Guide</a> <a href="#">u-link EULA V3 EN (28.5.2018)</a> <a href="#">Manual</a> <a href="#">u-link EULA V4 EN (20.9.2023)</a> <a href="#">Mandatory connection parameters for u-link VPN clients</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>