

## 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), Global-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 items

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
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		
REACH SVHC	Lead 7439-92-1		
SCIP	9229992a-00b9-4096-8962-200a7f33e289		

**Mobile radio interface**

Transmission rate mobile radio	LTE category	CAT 13	
	Download rate, max.	400 Mbit/s	
	Upload rate, max.	150 Mbit/s	
Mode of operation	Permanent connection, Manual connection control via web interface, Manual connection control via API or SMS, Fallback		
Wireless module	multi-band modem (4G/3G)		
Frequency band	Region: Global, 4G LTE: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B18, B19, B20, B25, B26, B28, B29, B32, B38, B39, B40, B41, B42, B43, B48, B66, B71, 3G UMTS/HSPA+: B1, B2, B4, B5, B6, B8, B9, B19		

**EMC conformity and approvals**

EMC standards	EN 55032, EN 55024, EN 61000-6-2, EN 61000-6-4, FCC Part 15B Class B	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

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## Technical data

Storage temperature, max.	85 °C		
Storage temperature, min.	-40 °C		
Operating altitude	Altitude, max.	2000 m	
	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
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### 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, Event based warning via SMS
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

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**Technical data**

Overload current protection	Yes		
Connection type	1 removable 4-pin terminal block		
Voltage supply range	Voltage type	DC	
	Voltage, min.	19.2 V	
	Voltage, max.	28.8 V	
Current consumption	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		