

IE-SR-2TX-WL

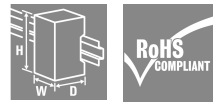
Weidmüller Interface GmbH & Co. KG

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, Fast Ethernet, 2x RJ45 10/100BASE-T(X), 1x DB9 male for RS-232/422/485, IP30, -25 °C...70 °C
Order No.	2682590000
Type	IE-SR-2TX-WL
GTIN (EAN)	4050118692129
Qty.	1 items

Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	81 mm	Depth (inches)	3.189 inch
Height	95 mm	Height (inches)	3.7401 inch
Width	45 mm	Width (inches)	1.7716 inch
Net weight	411 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...70 °C
Humidity	5 to 95 % (non-condensing)		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1, Lead monoxide 1317-36-8
SCIP	9229992a-00b9-4096-8962-200a7f33e289

EMC conformity and approvals

Free fall	According to IEC 60068-2-31	EMC standards	EN 55032, EN 55024, FCC Part 15 Subpart B Class A, IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV, IEC 61000-4-3 RS: 80 MHz bis 1 Ghz: 3 V/m, IEC 61000-4-4 EFT: Power: 0.5 kV; Signal: 0.5 kV, IEC 61000-4-5 Surge: Power: 0,5 kV; Signal: 1 kV, IEC 61000-4-6 CS: 3 Vrms
Vibration	according to IEC 60068-2-6	Shock	according to IEC 60068-2-27
Safety standard	SELV according to EN 62368-1, UL 61010-1, UL 61010-2-201	Security standard	EN 18031-1

Environmental conditions

Operating temperature, max.	70 °C	
Operating temperature, min.	-25 °C	
Humidity	5 to 95 % (non-condensing)	
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

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Note

for restrictions, see the manufacturer's declaration for operating altitude in section downloads

Guarantee

Time interval 5 years

Interfaces

Number of ports	2x RJ45 10/100BASE-T(X), 1x DB9 male for RS-232/422/485	Function reset button	<5 sec: System reboot and set LAN IP to factory Default, >5 sec: Factory default
Digital outputs	1x, with a current capacity of 0.2 A at 30 V DC	Digital inputs	1x, 5 to 30 V for logic "1", 0 to 2 V for logic "0"
Connector for external antennas	1x RP-SMA female		

MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	381084 h

Management features

Device configuration	Webbrowser (HTTP/HTTPS), SNMP v2c, Command Line Interface (Telnet/SSH), Upload of a configuration file via web-interface	Monitoring function	SNMP v2c, Syslog, Event based warning via E-Mail, Event based warning via relay, Event based warning via SNMP trap
IP-address management	Static, DHCP-Client, DHCP-Server (pool-based), DHCP-Relay, DNS-Relay	Security functions	Access Control List (MAC-based) for WLAN Access Point mode
Time synchronization management	NTP server, NTP client	Operating modes	WLAN Access Point, WLAN Client, Virtual COM mode, TCP Server mode, TCP Client mode, UDP Server/Client mode

Power supply

Reverse polarity protection	Yes	
Supply voltage	12/24/48 V DC, 2 redundant inputs, or 48 V DC Power-over-Ethernet (IEEE 802.3af)	
Overload current protection	Yes	
Connection type	1 removable 4-pin terminal block	
Voltage supply range	Voltage type	DC
	Voltage, min.	10.8 V
	Voltage, max.	52.8 V
Current consumption	Voltage	12 V
	Current	0.22 A
	Voltage	24 V
	Current	0.11 A
	Voltage	48 V
	Current	0.07 A

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Routing Features

NAT functions	Source / Destination NAT (Port / Host / Network)	Firewall functions	Stateful Packet Inspection Firewall (Layer-3)
VPN functions	u-link client, OpenVPN (Server or Client), IPSec (Initiator or Responder)	Routing functions	IPv4 routing, Static and dynamic IP Routing

Serial communication parameters

Baud rate	110 bit/s to 460800 bit/s	Parity	none, odd, even, Mark, Space
Stop bits	1, 2	Data bits	7, 8

Technical data

Housing main material	Metal	Type of mounting	DIN rail, Wall mounting
Protection degree	IP30	Speed	Fast Ethernet

Technology

Standard	IEEE 802.3 for 10BASE-T, IEEE 802.3u for 100BASE- TX, IEEE 802.3af for Power-over-Ethernet, IEEE 802.11b/g/n for Wireless LAN
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WLAN interface

Transmission rate WLAN	Standard	IEEE 802.11b
	max.	11 Mbit/s
	min.	1 Mbit/s
	Standard	IEEE 802.11g
	max.	54 Mbit/s
	min.	6 Mbit/s
	Standard	IEEE 802.11n
	max.	150 Mbit/s
	min.	6.5 Mbit/s
Data security	64-bit and 128-bit WEP encryption, WPA/WPA2 Personal and Enterprise (IEEE 802.1X/RADIUS, TKIP and AES)	

Important note

Product information	Not compatible with 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		