

IE-SR-4GT

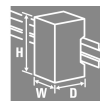
Weidmüller Interface GmbH & Co. KG

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, Gigabit Ethernet, 4x RJ45 10/100/1000BaseT(X), IP20, -25 °C...70 °C
Order No.	2873910000
Type	IE-SR-4GT
GTIN (EAN)	4064675647676
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	115 mm	Depth (inches)	4.5275 inch
Height	150 mm	Height (inches)	5.9055 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	560 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...70 °C
Humidity	5 - 90 %, no condensation		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl, 7cII
REACH SVHC	Lead 7439-92-1
SCIP	1bb4009c-24f3-4115-ab13-f6bde3580fe2

EMC conformity and approvals

EMC standards	EN 61000-6-4, EN 61000-6-2	Vibration	according to IEC 60068-2-6
Shock	according to IEC 60068-2-27	Safety standard	UL 61010-1, UL 61010-2-201

Environmental conditions

Operating temperature, max.	70 °C
Operating temperature, min.	-25 °C
Humidity	5 - 90 %, no condensation
Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C
Operating altitude	Altitude, max. 2000 m
	Note in acc. with UL

Guarantee

Time interval	3 years
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Interfaces

RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port	Number of ports	4x RJ45 10/100/1000BaseT(X)
Function reset button	Restoration of factory settings	Digital outputs	Alarm: indicates a configurable network state

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Digital inputs	2x, 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) or fault (24 V out), VPN-active: indicates an active VPN connection (24 V out), 1x
USB port	USB 2.0 interface for firmware update or restoration of the device configuration via USB flash drive	Serial port	1x RS-485, 2-wire, galvanically isolated, 1 removable 3-pole terminal block
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, Port LED: Link/ACT, Speed (RJ45 port)

MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	1024146 h

Management features

Device configuration	Webbrowser (HTTP/HTTPS), SNMP v3, Windows tool	Monitoring function	SNMP v3, Syslog, Event based warning via E-Mail, Event based warning via relay
IP-address management	Static, DHCP-Client, DHCP-Server (pool-based), DNS-Relay	Time synchronization management	NTP server, NTP client

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
	Voltage, max.	28.8 V
Current consumption	Voltage	24 V
	Current	1.3 A

Routing Features

NAT functions	Source / Destination NAT (Port / Host / Network)	Firewall functions	Stateful Packet Inspection Firewall (Layer-3), Transparent bridge
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VPN functions	u-link client, OpenVPN (Server or Client), IPSec (Initiator or Responder)	Routing functions	mode (4-port switch with additional Layer-2 filter) IPv4 routing, IPv4 routing extended (each interface (LAN, WAN, optional cellular) can be configured as separate IP network), Static and dynamic IP Routing, RIPv2 / OSPF
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Technical data

Housing main material	Aluminium	Type of mounting	DIN rail
Protection degree	IP20	Speed	Gigabit Ethernet

Technology

Standard	IEEE 802.3 for 10BASE-T, IEEE 802.3u for 100BASE-TX, IEEE 802.3ab for 1000BASE-T
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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		