

IE-SR-2GT-LAN-M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Weidmüller Industrial Security Routers**

- Easy integration of subnets with identical IP address ranges through 1:1 NAT
- Secure and easy remote maintenance with Weidmüller u-link remote access service
- Future-proof network connection with static and dynamic routing
- Increased network security through stateful inspection firewall, IP/Port-forwarding and network segmentation
- 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 6 ports.

General ordering data

Version	Security/NAT/VPN/U-link Router, Gigabit Ethernet, 2 * RJ45 10/100/1000BaseT(X), DNV-GL, IP20, -20 °C...70 °C
Order No.	2535980000
Type	IE-SR-2GT-LAN-M
GTIN (EAN)	4050118547658
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	136 mm	Depth (inches)	5.354 inch
Height	170 mm	Height (inches)	6.693 inch
Net weight	700 g	Width	57 mm
Width (inches)	2.244 inch		

Temperatures

Storage temperature	-20 °C...85 °C	Operating temperature	-20 °C...70 °C
Humidity	5 - 90 %, no condensation		

Network Services/Firewall/Management

Firewall	IPv4 Stateful Packet Inspection Firewall (incoming/outgoing), NAT masquerading, 1:1 NAT, Port forwarding, layer 2/3 filter (VLAN ID, VLAN QoS Tag, MAC address, EtherType frame), Auto-learning function to create packet filter rules (analysis of network traffic), Layer 2/3-based packet prioritisation (Ethernet Frame, IP Header, VLAN Tag)	Management	Configuration via WEB interface (HHTTP/HTTPS), Language interface can be switched to German or English, Configuration support through detailed help information (tool tip), Configurable multi-user access with freely definable rights, Support for SNMP v1/v2/v3, event log/syslog
Network services	DHCP Server / DHCP Relay, DNS relay, NTP client, DynDNS (DHCP client acc. to RFC 2136)		

VPN

IPsec	Configurable as IPsec server or client, Authentication via PSK (userid, password) or X.509 certificates, Hardware-based encryption for faster data throughput, Maximum 64 simultaneous connections (sub-network to sub-network or as IPsec server), Encryption algorithms DES-56, 3DES-168, AES-128, AES-192, AES-256	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, Unlimited number of client connections in server mode
u-link	OpenVPN-based remote access service via the Weidmüller u-link cloud		

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Miscellaneous

Diagnostics	Remote capture function for network diagnostics via a connected PC (Wireshark)	Modbus/TCP	Integrated Modbus-TCP server for status queries and software-based enabling/disabling of VPN connections
Monitoring	Client monitoring (per ICMP) with alarm function in the event of a fault		

Modes of operation

IP router	IP routing (IPv4, Layer-3) with SPI firewall (Stateful Packet Inspection)	Transparent bridge	2-port switch with additional layer-2 filter
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EMC conformity and approvals

EMC standards	FCC Part 15, Class A, EN 55032, EN 61000-4-2, -3, -4, -5, -6	Ship use	DNV-GL
Shock	according to IEC 60068-2-27	Vibration	according to IEC 60068-2-6

Environmental conditions

Humidity	5 - 90 %, no condensation	Operating temperature, max.	70 °C
Operating temperature, min.	-20 °C	Safety distance to the compass	17 cm
Storage temperature, max.	85 °C	Storage temperature, min.	-20 °C

Guarantee

Time interval	3 years
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Interfaces

Digital inputs	Cut: physically disconnects (Link Down) the WAN port (24 V in), VPN-initiate: establishes a pre-configured VPN connection (24 V in)	Digital outputs	Alarm: indicates a configurable network state or fault (24 V out), VPN-active: indicates an active VPN connection (24 V out)
LED indicator	Indication of voltage status, Status, CUT, Alarm, Active VPN connection, Port LED: Link/ACT, Speed (RJ45 port)	Number of SCM-Card slots	1
Number of ports	2 * RJ45 10/100/1000BaseT(X)	RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port
Reset button	Restoration of factory settings	SCM-Card slot type	Smart Card (ID-000 format), Save and restore the configuration using smart card (memory chip)
USB port	USB 2.0 interface for firmware update or restoration of the device configuration via USB flash drive		

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Power supply

Connection type	1 removable 3-pin terminal block	
Current consumption	Voltage	24 V
	Current	0.6 A
Galvanic isolation	24: 24 V electrically isolated DC/DC converter	
Voltage supply	24 V DC, 1 single input	
Voltage supply range	Voltage type	DC
	Voltage, min.	7 V
	Voltage, max.	36 V

Technical data

Housing main material	diecast aluminium	Protection degree	IP20
Speed	Gigabit Ethernet	Type of mounting	DIN rail, VESA 75

Classifications

ETIM 6.0	EC001478	ETIM 7.0	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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Approval/Certificate/Document of Conformity	DNV-GL certificate
Engineering Data	STEP
Product Change Notification	Firmware Release Notes
Software	SNMP MIB file
	Router Search Utility
	Firmware
User Documentation	Hardware Installation Guide
	Manual
	u-link Technical User Guide
	User Note - Secure Router Configuration
Brochure/Catalogue	Catalogues in PDF-format