

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****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 Router, Gigabit Ethernet, 2x RJ45 10/100/1000BaseT(X), IP20, -20 °C...70 °C
Order No.	1489940000
Type	IE-SR-2GT-LAN-FN
GTIN (EAN)	4050118299533
Qty.	1 pc(s).
Replacement parts	1347870000 1347850000

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Technical data**Dimensions and weights**

Depth	140 mm	Depth (inches)	5.512 inch
Height	170 mm	Height (inches)	6.693 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	700 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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 (HHTP/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)		

Miscellaneous

Diagnostics	Remote capture function for network diagnostics via a connected PC (Wireshark)	Modbus/TCP	Integral modbus TCP server for status queries
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 61000-6-4, EN 61000-6-2	Safety standard	UL508
Shock	according to IEC 60068-2-27	Vibration	according to IEC 60068-2-6

Creation date January 26, 2022 4:27:18 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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Technical data

Environmental conditions

Humidity	5 - 90 %, no condensation	Operating temperature, max.	70 °C
Operating temperature, min.	-20 °C	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)	Digital outputs	Alarm: indicates a configurable network state or fault (24 V out)
Function reset button	Restoration of factory settings	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	2x RJ45 10/100/1000BaseT(X)
RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port	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		

MTBF

MTBF	Operating time (hours), min.	135,270 h
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Power supply

Current consumption	Voltage	24 V
	Current	0.6 A
Voltage supply	24 V DC, 1 single input, NEC class 2, (for use in conformity with UL specifications: 7 - 30 V DC)	
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
ETIM 8.0	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		

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Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Engineering Data	CAD data – STEP
Product Change Notification	Firmware Release Notes
Software	Device description – SNMP MIB file Firmware – Current Firmware
User Documentation	Hardware Installation Guide Manual User Note - Secure Router Configuration
Catalogues	Catalogues in PDF-format
Brochures	

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Replacement parts

BCF 3.81/180F



PUSH IN - Weidmüller's innovative connection system simplifies the wire connection process.

The benefits for users and applications:

- High packaging density due to very low component height. Simply insert the prepared wire - finished
- High component density with the compact SCDN / SCDN-THR two-tier pin header
- Simplified processing due to integrated push buttons for opening the clamping unit
- Intuitive handling – since the wire-entry area and handling area are clearly separated
- tool-free locking and releasing when using Weidmüller's patented release latch (LR)

The Weidmüller plug-in connectors, pitch 3.81 mm (0.15 inch), are compatible with the layout of customary plug-in connectors, can be coded and provide space for printing.

General ordering data

Type	BCF 3.81/04/180F SN BK ...	Version	Product data	Packaging
Order No.	1347870000	PCB plug-in connector, female plug, 3.81 mm, Number of poles: 4,	IEC: 320 V / 17.5 A / 0.14 - 1.5 mm ²	Box
GTIN (EAN)	4050118152609	180°, PUSH IN with actuator, Tension-clamp connection, Clamping	UL: 300 V / 10 A / AWG 26 - AWG 16	
Qty.	50 pc(s).	range, max. : 1.5 mm ² , Box		
Type	BCF 3.81/03/180F SN BK ...	Version	Product data	Packaging
Order No.	1347850000	PCB plug-in connector, female plug, 3.81 mm, Number of poles: 3,	IEC: 320 V / 17.5 A / 0.14 - 1.5 mm ²	Box
GTIN (EAN)	4050118152517	180°, PUSH IN with actuator, Tension-clamp connection, Clamping	UL: 300 V / 10 A / AWG 26 - AWG 16	
Qty.	50 pc(s).	range, max. : 1.5 mm ² , Box		

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Accessories

Mounting kit for 19" rack assembly

- For assembling DIN rail-based devices on 19" racks



General ordering data

Type	RM-KIT	Version
Order No.	1241440000	Kit for 19"-rack mounting
GTIN (EAN)	4050118029154	
Qty.	1 pc(s).	

Ethernet (Cat.6)



- Suitable for Cat. 5 (up to 100 MHz) and Cat. 6 (up to 250 MHz Class E)
- Suitable for PoE+ (according to IEEE 802.3at, IEEE 802.3bt Type 3 and 4)
- Protection of all wire pairs
- Connection via RJ45 sockets
- Metal housing

General ordering data

Type	VDATA CAT6	Version
Order No.	1348590000	Terminal rail fixing, Surge protection, Cat.6, 802.3 at Type 1, 802.3 at Type 2, 802.3 bt Type 3, $U_p(L/N-PE) \leq 550 \text{ V}$
GTIN (EAN)	4050118153002	
Qty.	1 pc(s).	

Mouser Electronics

Authorized Distributor

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