

Industrial Ethernet IE-SR-2GT-LAN-FN

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High-performance industrial security router with integrated firewall

- 2 gigabit ports (LAN/WAN)
- NAT masquerading, 1:1 network mapping and port forwarding
- VPN function (OpenVPN and IPsec)
- Key switch function for enabling/disabling the WAN/VPN connection
- Variant with integrated 3G/UMTS modem for high-speed, Internet-based mobile communications access (1345250000, IE-SR-2GT-UMTS/3G)
- Variant without VPN function for NAT and security applications (1489940000, IE-SR-2GT-LAN-FN)

General ordering data

Type	IE-SR-2GT-LAN-FN
Order No.	1489940000
Version	Security/NAT Router, Gigabit Ethernet, 2 * RJ45 10/100/1000BaseT(X), IP20, -20 °C...70 °C
GTIN (EAN)	4050118299533
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

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

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)		

DSL and UMTS/HSPA

DSL	Connection of DSL modem via LAN or WAN port, Free configuration of PPPoE access data	DynDNS	Support for automatic registration
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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	Security	UL508
Shock	according to IEC 60068-2-27	Vibration	according to IEC 60068-2-6

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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)
LED indicator	Indication of voltage status, Status, Cut, Alarm	Number of ports	2 * RJ45 10/100/1000BaseT(X)
RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode	Reset button	Restoration of factory settings
SCM card reader	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	135,270 hrs
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Power supply

Current consumption	max. 0.6 A at 24 V DC	Supply voltage	1x 24 V DC (7 to 36 V DC), NEC class 2, (for use in conformity with UL specifications: 7 - 30 V DC)
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Technical data

Housing main material	diecast aluminium	Protection degree	IP20
Type of mounting	Mounting rail, VESA 75		

Classifications

ETIM 5.0	EC001478	ETIM 6.0	EC001478
eClass 6.2	19-17-01-03	eClass 7.1	19-17-01-03
eClass 8.1	19-17-01-03	eClass 9.0	19-17-01-03
eClass 9.1	19-17-01-03		

Approvals

Approvals



ROHS Conform

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Data sheet**Industrial Ethernet
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Technical data**Downloads**

Approval/Certificate/Document of Conformity	DE_PN4800_161117_001.pdf
Brochure/Catalogue	CAT 9 IETH 15/16 EN
Engineering Data	STEP
Product Change Notification	Firmware Release Notes
Software	SNMP MIB file Firmware - Version 3.2.3
User Documentation	Hardware Installation Guide Manual
