

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

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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, IPsec)
- Key switch function for disabling/enabling the WAN/VPN connection
- Version with integrated 3G/UMTS modem for high-speed, internet-based wireless access

#### General ordering data

Type	IE-SR-2GT-LAN
Order No.	<a href="#">1345270000</a>
Version	LAN / WAN router, Gigabit Ethernet, 2x 10/100/1000BaseT(X), IP 20, -20 °C...+70 °C
GTIN (EAN)	4050118149807
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Width	35 mm	Height	159 mm
Depth	134 mm	Net weight	550 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 (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)		

### 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
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### 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	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		

## Data sheet

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### Modes of operation

IP router	Static or dynamic routing, Supports RIPv2 / OSPF	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 55022 Class A, EN 61000-4-2, -3, -4, -5, -6	Security	UL508, In preparation
Shock resistance IEC 60068-2-27	Available	Vibration resistance IEC 60068-2-6	Available

### Environmental conditions

Humidity	6 to 90% (non- condensing)	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), 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 and active UMTS connection	RJ45 ports	2x 10/100/1000BaseT(X)
Reset button	Restoration of factory settings	SCM card reader	Save and restore the configuration using smart card (memory chip)
USB port	Option for future enhancements		

### MTBF

MTBF	135,270 hrs
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### Order data

Operating temperature	-20 °C...+70 °C
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### Power supply

Current consumption	0.6 A at 24 V DC	Supply voltage	1x 24 V DC (7 to 36 V DC)
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### Technical data

Protection degree	IP 20
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**Data sheet****Industrial Ethernet  
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**Technical data****Classifications**

eClass 6.2 19-17-01-03

**Approvals**

Approvals



ROHS Conform

**Downloads**

Manual	<a href="#">Manual</a>
Package insert	<a href="#">Hardware Installation Guide</a>
Technical note Remote access (Part 2)	<a href="#">Scenario description for secure access of remote network devices using a Router as OpenVPN client and a PC running as public accessible OpenVPN server (Meeting-Point)</a>
Declaration of Conformity	<a href="#">K5370613.pdf</a>
SNMP MIB file	<a href="#">SNMP MIB file</a>
Tools	<a href="#">Router Search Utility</a>
Firmware	<a href="#">Version 2.3.2</a>
<a href="#">3-D model</a>	