Features

- Low effort for IP integration in higher-level networks (NAT)
- Integration of series machines with the same IP addresses in the production network
- 2 Ports for 100/1000 MBit/s
- NAT (Basic NAT, NAPT und Portforwarding)
- SNAT: No adjustment of the network configuration in the LAN network necessary
- Access restriction through packet filters: IPV4 addresses, protocol (TCP/UDP/ICMP), ports, MAC addresses
- Reduction of the network load through the filtering of broadcasts and multi-casts
- Quick and easy configuration via a responsive web interface
- Easily integrate same IP subnets through port forwarding (NAPT)
- Reduced to the essential functionality
- Import and export of the configuration
- DHCP-Server (LAN) / DHCP-Client (WAN)
- DNS-Server (LAN)
- Port-based network access control (802.1X)
- User administration
- Space-saving industrial design for DIN rail

WALL IE - Industrial NAT Gateway/Firewall Compact

Secure communication and simple addressing – WALL IE the industrial security gateway reliably protects your automation network against unauthorized access. Due to the individual configuration, the firewall can be easily adapted to the requirements of the respective machine network.

As an industrial security gateway, WALL IE offers secure and efficient forwarding of data traffic between different IPv4 networks in NAT operating mode. It enables the address translation via NAT and uses packet filters for the limitation of access to the automation network located behind.

In the bridge operating mode, WALL IE acts as a layer 2 switch. In contrast with normal switches, however, packet filtering is also possible in this operating mode. This means that the restriction of access to individual areas of your network can be achieved without having to use different networks for this purpose.

General information

Order number	700-863-WAL01
Article name	WALL IE Compact – Industrial NAT Gateway/Firewall
Scope of delivery	WALL IE PLUS, Quick Start Guide
Dimensions (DxWxH)	35 x 48,5 x 76 mm
Weight	approx. 105 g
Status indicator	4 LEDs function status
	8 LEDs Ethernet status
Voltage supply	24 V DC, 18–30 V DC
Current draw	max. 250 mA at 24 V DC
Power dissipation	max. 3,3 W

WAN interface

Number	1
Type	100Base-Tx/1000Base-T
Connection	RJ45 socket
Transmission rate	100/1000 Mbps

LAN interface

Number	1
Type	100Base-Tx/1000Base-T
Connection	RJ45 socket
Transmission rate	100/1000 Mbps

Firewall functions

Operating modes	Bridge, NAT (Basic NAT, NAPT)
Packet filter	IPV4 addresses, protocol (TCP/UDP)
Ports	“WAN to LAN” and “LAN to WAN” separate
MAC addresses	black & whitelisting

Ambient conditions

Ambient temperature	0 °C ... +60°C
Transport and storage temperature	-40 °C ... +85°C
Relative air humidity	95 % r H without condensation
Pollution degree	2
Protection rating	IP20

Mounting position	any
Approvals	CE

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Änderungen und Irrtümer vorbehalten