

# FL MGuard SMART2 VPN - Router



2700639

<https://www.phoenixcontact.com/us/products/2700639>

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Security appliance, 10/100 Mbps, NAT, VPN, advanced firewall, dongle, functionally extendable with licenses



## Product description

### Small

The mGuard smart from Innominate features maximum possible security and performance in a minimum amount of space. It has never been easier to protect critical company computers, machines or any other IP connection reliably and securely from attacks.

### Strong

The mGuard smart security appliance combines the extremely powerful mGuard hardware platform with proven mGuard firmware. Based on a robust embedded Linux system from Innominate, this combination integrates four perfectly coordinated security components: a bidirectional stateful firewall, a flexible NAT router, a high-security VPN gateway, and industrial protection against malware as an option.

### Smart

With its rugged housing and uncomplicated power supply via any USB port, the mGuard smart is the ideal solution for the mobile protection of critical company resources. Changes to the location and infrastructure can be implemented quickly and inexpensively.

## Focus on security

The mGuard smart is particularly suitable for the mobile and stationary protection of workstations and environments close to the production process with low requirements for industrial hardening. It can be used as a secure firewall between office and production networks, as a remote maintenance client or as a security router for small workgroups.

## Secure remote maintenance

For software-independent remote maintenance scenarios, the mGuard smart can be used as a mobile VPN client and as a temporary VPN connection for secure remote machine maintenance via IPsec-encrypted VPN tunnels. It is particularly ideal for medium-scale machine and system engineering when used as an inexpensive teleservice infrastructure for connecting machines, controllers or mobile technicians.

## Your advantages

- VPN module for mobile use

## Commercial data

Item number	2700639
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN31
Product key	DNN333
Catalog page	Page 340 (C-6-2019)
GTIN	4046356616591

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Weight per piece (including packing)	190.8 g
Weight per piece (excluding packing)	160 g
Customs tariff number	85176200
Country of origin	DE

## Technical data

### Dimensions

Width	77 mm
Height	27 mm
Depth	115 mm

### Material specifications

Housing material	Plastic
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### Interfaces

#### Ethernet

Connection method	RJ45
Transmission speed	10/100 Mbps
Transmission physics	Ethernet in RJ45 twisted pair
Transmission length	100 m (per segment)
Signal LEDs	Supply voltage, data transmission, error, link, activity
No. of channels	2 (RJ45 ports)

### System properties

#### Functionality

Basic functions	Firewall/router for office use or mobile service technicians
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#### System requirements

Supported browsers	HTTPS support required
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### Product properties

Type	Stand-Alone
Product type	Security routers without DIN rail mounting

#### Insulation characteristics

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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#### Security functions

1:1 Network Address Translation (NAT) in the VPN	Supported
Authentication	X.509v3 certificates with RSA or PSK
Data integrity	MD5, SHA-1, SHA 256, SHA-512
Dynamic Host Configuration Protocol (DHCP) support	Server or Relay Agent
Filtering	MAC and IP addresses, ports, protocols
Firewall data throughput	max. 130 Mbps (Router mode, default firewall rules, bidirectional throughput)
	max. 61 Mbps (Stealth mode, default firewall rules, bidirectional throughput)
Firewall rules	Configurable stateful inspection firewall
Basic functions	Firewall/router for office use or mobile service technicians

Internet Protocol Security (IPsec) mode	ESP tunnel / ESP transport
Routing	NAT, 1:1-NAT, Port Forwarding
Protection against	IP spoofing, DoS and Syn Flood Protection
Encryption methods	DES, 3DES, AES-128, -192, -256

## Electrical properties

Local diagnostics	1 (PC) Link status/LAN data transmission Green LED
	3 (Internet) Link status/WAN data transmission Green LED
	2 (heartbeat) Device function Red/green LED

## Supply

Supply voltage (DC)	5 V DC (from USB interface)
Power supply connection	via USB interface

## Function

Signal contact control current	500 mA (via USB interface or external power supply unit as an option)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP30
Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 % (non-condensing)

## EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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## Signaling

Status display	LEDs: In combination for boot process, heartbeat, system error, Ethernet status, recovery mode
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## Classifications

### ECLASS

ECLASS-11.0	19170406
ECLASS-12.0	19170406
ECLASS-13.0	19170406

### ETIM

ETIM 9.0	EC001478
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### UNSPSC

UNSPSC 21.0	43222600
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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