

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

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

Insulation characteristics

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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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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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2700639>



EAC

Approval ID: RU*DE*08.B.00731/19

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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

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	5cd25537-5c7d-4738-b5a6-09f481a89335

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Accessories

FL CAT5 PATCH 0,3 - Patch cable

2832250

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Patch cable, CAT5, assembled, 0.3 m

FL CAT5 PATCH 0,5 - Patch cable

2832263

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Patch cable, CAT5, assembled, 0.5 m

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FL CAT5 PATCH 1,0 - Patch cable

2832276

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Patch cable, CAT5, assembled, 1 m

FL CAT5 PATCH 1,5 - Patch cable

2832221

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Patch cable, CAT5, assembled, 1.5 m

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FL CAT5 PATCH 2,0 - Patch cable

2832289

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Patch cable, CAT5, assembled, 2 m



FL CAT5 PATCH 3,0 - Patch cable

2832292

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Patch cable, CAT5, assembled, 3 m



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FL CAT5 PATCH 5,0 - Patch cable

2832580

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Patch cable, CAT5, assembled, 5 m



FL CAT5 PATCH 7,5 - Patch cable

2832616

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Patch cable, CAT5, assembled, 7.5 m



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FL CAT5 PATCH 10,0 - Patch cable

2832629

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Patch cable, CAT5, assembled, 10 m

FL CAT6 PATCH 12,5 - Patch cable

2891369

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Patch cable, CAT6, preassembled, 12.5 m

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FL CAT6 PATCH 15,0 - Patch cable

2891372

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Patch cable, degree of protection: IP20, cable length: 15 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 20,0 - Patch cable

2891576

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Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

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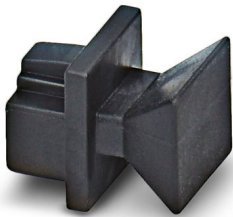
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FL RJ45 PROTECT CAP - Dust protection

2832991

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Dust protection caps for RJ45 socket

FL PLUG RJ45 GR/2 - RJ45 connector

2744856

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RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Plastic, connection method: Crimp connection, connection cross section: AWG 26- 24, cable outlet: straight, color: gray, Ethernet

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FL PLUG RJ45 GN/2 - RJ45 connector

2744571

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RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Plastic, connection method: Crimp connection, connection cross section: AWG 26- 24, cable outlet: straight, color: green, Ethernet

FL CRIMPTOOL - Assembly tool

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Crimping pliers, for assembling the RJ45 plugs FL PLUG RJ45..., for assembly on site

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FL MGUARD LIC FW MNT 2030 - License

1493074

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License for firmware maintenance until 2030

FL MGUARD LIC CIM - License

2701083

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License for activating CIFS Integrity Monitoring (CIM) on an FL MGUARD

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FL MGUARD LIC VPN-10 - License

2700194

<https://www.phoenixcontact.com/us/products/2700194>



License for up to 10 additional VPN online connections

MGUARD SECURE VPN CLIENT LIC - License

2702579

<https://www.phoenixcontact.com/us/products/2702579>



License for mGuard Secure VPN Client v11.x

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FL MGUARD DM UNLIMITED - Software

2981974

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Central device management software for MGUARD devices for any number of devices in the field. For installation on a PC. No additional licenses required. Download trial version for up to 10 devices.

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