

Router - FL MGuard SMART2



2700640

<https://www.phoenixcontact.com/pc/products/2700640>

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Security appliance, 10/100 Mbps, NAT, 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, 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.

Your advantages

- Supply via USB

Commercial Data

Item number	2700640
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	DNN313
Catalog Page	Page 340 (C-6-2019)
GTIN	4046356613842
Weight per Piece (including packing)	196 g
Weight per Piece (excluding packing)	185.2 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)

Product properties

Type	Stand-alone
Product type	Security router without DIN rail mounting

Insulation characteristics

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

Number of VPN tunnels	0 (up to 250 tunnels with additional license as an option)
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
Link Layer Discovery Protocol (LLDP)	As per protocol 802.2
Network Time Protocol (NTP) client	Client
Remote Syslog Logging	On external server
Routing	NAT, 1:1-NAT, Port Forwarding
Protection against	IP spoofing, DoS and Syn Flood Protection
Encryption methods	DES, 3DES, AES-128, -192, -256
Virtual private network (VPN) throughput	max. 42 Mbps (Router mode, VPN bidirectional throughput)

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	max. 27 Mbps (Stealth mode, VPN bidirectional throughput)
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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	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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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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LED signaling

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



EAC

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

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Classifications

ECLASS

ECLASS-9.0	19170103
ECLASS-10.0.1	19170406
ECLASS-11.0	19170406

ETIM

ETIM 8.0	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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Accessories

Patch cable

Patch cable - FL CAT5 PATCH 0,3 - 2832250

<https://www.phoenixcontact.com/pc/products/2832250>

Patch cable, CAT5, assembled, 0.3 m



Patch cable

Patch cable - FL CAT5 PATCH 0,5 - 2832263

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Patch cable, CAT5, assembled, 0.5 m



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Patch cable

Patch cable - FL CAT5 PATCH 1,0 - 2832276

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Patch cable, CAT5, assembled, 1 m

Patch cable

Patch cable - FL CAT5 PATCH 1,5 - 2832221

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Patch cable, CAT5, assembled, 1.5 m

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Patch cable

Patch cable - FL CAT5 PATCH 2,0 - 2832289

<https://www.phoenixcontact.com/pc/products/2832289>



Patch cable, CAT5, assembled, 2 m

Patch cable

Patch cable - FL CAT5 PATCH 3,0 - 2832292

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Patch cable, CAT5, assembled, 3 m

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Patch cable

Patch cable - FL CAT5 PATCH 5,0 - 2832580

<https://www.phoenixcontact.com/pc/products/2832580>

Patch cable, CAT5, assembled, 5 m



Patch cable

Patch cable - FL CAT5 PATCH 7,5 - 2832616

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Patch cable, CAT5, assembled, 7.5 m



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Patch cable

Patch cable - FL CAT5 PATCH 10,0 - 2832629

<https://www.phoenixcontact.com/pc/products/2832629>

Patch cable, CAT5, assembled, 10 m

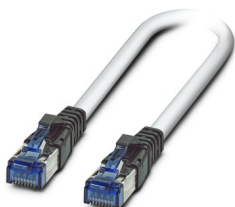


Patch cable

Patch cable - FL CAT6 PATCH 12,5 - 2891369

<https://www.phoenixcontact.com/pc/products/2891369>

Patch cable, CAT6, pre-assembled, 12.5 m



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Patch cable

Patch cable - FL CAT6 PATCH 15,0 - 2891372

<https://www.phoenixcontact.com/pc/products/2891372>

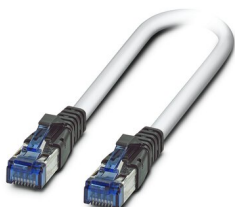


Patch cable, CAT6, pre-assembled, 15.0 m

Patch cable

Patch cable - FL CAT6 PATCH 20,0 - 2891576

<https://www.phoenixcontact.com/pc/products/2891576>



Patch cable, CAT6, pre-assembled, 20.0 m

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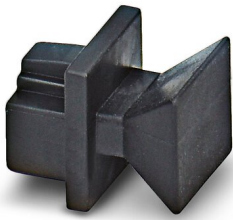
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Dust protection

Dust protection - FL RJ45 PROTECT CAP - 2832991

<https://www.phoenixcontact.com/pc/products/2832991>

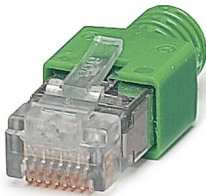


Dust protection caps for RJ45 socket

RJ45 connector

RJ45 connector - FL PLUG RJ45 GR/2 - 2744856

<https://www.phoenixcontact.com/pc/products/2744856>



RJ45 connector, shielded, with bend protection sleeve, 2 pieces, gray for straight cables, for assembly on site. For connections that are not crossed, it is recommended that you use the connector set with gray bend protection sleeve.

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RJ45 connector

RJ45 connector - FL PLUG RJ45 GN/2 - 2744571

<https://www.phoenixcontact.com/pc/products/2744571>



RJ45 connector, shielded, with bend protection sleeve, 2 pieces, green for crossed cables, for assembly on site. For connections that are crossed, it is recommended that the connector set with green bend protection sleeves is used.

Assembly tool

Assembly tool - FL CRIMPTOOL - 2744869

<https://www.phoenixcontact.com/pc/products/2744869>



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

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License

License - FL MGuard LIC LIFETIME FW - 2700184

<https://www.phoenixcontact.com/pc/products/2700184>



License for lifetime software update of FL MGuard field devices.

License

License - FL MGuard LIC CIM - 2701083

<https://www.phoenixcontact.com/pc/products/2701083>



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

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License

License - FL MGuard LIC VPN-250 GROUP - 2700192

<https://www.phoenixcontact.com/pc/products/2700192>



License for up to 250 additional VPN online connections

License

License - FL MGuard LIC VPN-250 - 2700193

<https://www.phoenixcontact.com/pc/products/2700193>



License for up to 250 additional VPN online connections

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License

License - FL MGUARD LIC VPN-10 - 2700194

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



License for up to 10 additional VPN online connections

License

License - MGUARD SECURE VPN CLIENT LIC - 2702579

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



License for mGuard Secure VPN Client v11.x

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Software

Software - FL MGUARD DM UNLIMITED - 2981974

<https://www.phoenixcontact.com/pc/products/2981974>



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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