

## Router - FL MGUARD SMART2 - 2700640

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Router with intelligent firewall, up to 99 Mbps data throughput (wire speed performance), stateful inspection firewall for maximum security and extremely easy configuration

### Product Description

SmallThe 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.StrongThe 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.SmartWith 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 securityThe 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.

### Product Features

- Supply via USB

### Key commercial data

package_quantity	1
GTIN	4046356613842

### Technical data

#### Dimensions

Width	77 mm
Height	27 mm
Depth	115 mm

#### 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 % (no condensation)

#### Interfaces

Interface 1	Ethernet
No. of ports	2 (RJ45)
Connection method	RJ45
Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	10/100 MBit/s

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## Technical data

### Interfaces

<b>Transmission length</b>	100 m (per segment)
<b>Signal LEDs</b>	Supply voltage, data transmission, error, link, activity

### Function

<b>Basic functions</b>	Firewall/router for office use or mobile service technicians
<b>Management</b>	Web-based management, SNMP
<b>Supported browsers</b>	HTTPS support required
<b>Processor</b>	Freescale processor with 300 MHz clocking
<b>Status and diagnostic indicators</b>	LEDs: In combination for boot process, heartbeat, system error, Ethernet status, recovery mode

### Network expansion parameters

<b>Maximum conductor length ((twisted pair)</b>	100 m
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### Supply voltage

<b>Supply voltage</b>	5 V DC (from USB interface)
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### General

<b>Type AX</b>	Stand-alone
<b>Weight</b>	160 g

### Security functions

<b>Dynamic Host Configuration Protocol (DHCP) support</b>	Server or Relay Agent
<b>Network Time Protocol (NTP) client</b>	Client
<b>Link Layer Discovery Protocol (LLDP)</b>	As per protocol 802.2
<b>Remote Syslog Logging</b>	On external server
<b>Virtual private network (VPN) throughput</b>	max. 41.94304 Mbps (Router mode, VPN bidirectional throughput)
<b>Virtual private network (VPN) throughput</b>	max. 27.262976 Mbps (Stealth mode, VPN bidirectional throughput)
<b>Encryption methods</b>	DES, 3DES, AES-128, -192, -256
<b>Firewall data throughput</b>	max. 130.023424 Mbps (Router mode, default firewall rules, bidirectional throughput)
<b>Firewall data throughput</b>	max. 60.817408 Mbps (Stealth mode, default firewall rules, bidirectional throughput)
<b>Firewall rules</b>	Configurable stateful inspection firewall
<b>Filtering</b>	MAC and IP addresses, ports, protocols
<b>Protection against</b>	IP spoofing, DoS and Syn Flood Protection
<b>Routing</b>	NAT, 1:1-NAT, Port Forwarding

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27240409
<b>eCl@ss 4.1</b>	27240409
<b>eCl@ss 5.0</b>	27242215
<b>eCl@ss 5.1</b>	19030101

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## classifications

### eCl@ss

eCl@ss 6.0	19170103
eCl@ss 7.0	19170103
eCl@ss 8.0	19170103

### ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001478
ETIM 5.0	EC001478

### UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	20142601

## accessories

### Patch cable

FL CAT5 PATCH 0,3 - 2832250



FL CAT5 PATCH 0,5 - 2832263



FL CAT5 PATCH 1,0 - 2832276



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### accessories

FL CAT5 PATCH 1,5 - 2832221



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FL CAT5 PATCH 2,0 - 2832289



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FL CAT5 PATCH 3,0 - 2832292



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FL CAT5 PATCH 5,0 - 2832580



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FL CAT5 PATCH 7,5 - 2832616



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FL CAT5 PATCH 10,0 - 2832629



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### accessories

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FL CAT6 PATCH 12,5 - 2891369



FL CAT6 PATCH 15,0 - 2891372



FL CAT6 PATCH 20,0 - 2891576



### Protective cap

FL RJ45 PROTECT CAP - 2832991



### Connector set

FL PLUG RJ45 GR/2 - 2744856



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### accessories

FL PLUG RJ45 GN/2 - 2744571



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### Universal tools

FL CRIMPTOOL - 2744869



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### Patch panel

FL PF 2TX CAT5E - 2891165



FL PF 8TX CAT5E - 2891178



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### Media converter

FL MC EF 1300 MM SC - 2902853



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## Drawings

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