

## Router - FL MGUARD DELTA TX/TX VPN - 2700968

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Remote maintenance collection point, 10/100 Mbps, NAT, VPN, advanced firewall, desktop device, functionally extendable with licenses

### Your advantages

- Maximum security
- Central management tool



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 0 5 5 6 2 6 2 9 2 7 8 6
GTIN	4055626292786
Weight per Piece (excluding packing)	1,000.000 g
Custom tariff number	85176200
Country of origin	Germany

### Technical data

#### Dimensions

Width	130 mm
Height	50 mm
Depth	114 mm

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	5 °C ... 40 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

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## Technical data

### Ambient conditions

Permissible humidity (operation)	5 % ... 95 % (non-condensing)
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### Interfaces

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

### Function

Basic functions	Router with intelligent firewall and VPN for 10 tunnels (up to 250 supported with optional additional license), CIFS Integrity Monitoring (as an option), metal housing, slot for SD memory card
Supported browsers	HTTPS support required
Processor	330 MHz
Status and diagnostic indicators	LEDs:P1, P2, Fault, State, Error, LAN, WAN

### Security functions

Dynamic Host Configuration Protocol (DHCP) support	Server or Relay Agent
Network Time Protocol (NTP) client	Client
Link Layer Discovery Protocol (LLDP)	As per protocol 802.2
Remote Syslog Logging	On externals server
Virtual private network (VPN) throughput	max. 42 Mbps (Router mode, VPN bidirectional throughput)
	max. 27 Mbps (Stealth mode, VPN bidirectional throughput)
Number of VPN tunnels	10 tunnels (up to 250 tunnels as an option), IPsec standard with additional FL MGUARD LIC VPN-10 license/Order No. 2700194 or FL MGUARD LIC VPN-250 license/Order No. 2700193 or 2700192.
Encryption methods	DES, 3DES, AES-128, -192, -256
Data integrity	MD5, SHA-1, SHA 256, SHA-512
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 with full scope of functions
Filtering	MAC and IP addresses, ports, protocols
Protection against	IP spoofing, DoS and Syn Flood Protection
Routing	Standard routing, NAT, 1:1-NAT, port forwarding

### Supply voltage

Supply voltage	230 V AC
Supply voltage range	90 V AC ... 264 V AC ((50/60 Hz))

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## Technical data

### Supply voltage

Typical current consumption	13 mA
Max. current consumption	40 mA

### General

Net weight	725 g
Housing material	Metal

### Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 55022 / Class B
Noise immunity	EN 61000-6-2:2005

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 10.0.1	19170406
eCl@ss 11.0	19170406
eCl@ss 4.0	27240400
eCl@ss 4.1	27240400
eCl@ss 5.0	19030100
eCl@ss 5.1	19030100
eCl@ss 6.0	19170100
eCl@ss 7.0	19170103
eCl@ss 9.0	19170103

### ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001478
ETIM 6.0	EC001478
ETIM 7.0	EC001478

### UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601

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## Classifications

### UNSPSC

UNSPSC 12.01	20142601
UNSPSC 13.2	43222609
UNSPSC 18.0	43222609
UNSPSC 19.0	43222609
UNSPSC 20.0	43222609
UNSPSC 21.0	43222609

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		RU*DE*08.B.00731/19
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## Accessories

### Accessories

#### Data plug

Assembly tool - FL CRIMPTOOL - 2744869



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

### Device parameterization

## Router - FL MGUARD DELTA TX/TX VPN - 2700968

### Accessories

Software - FL MGUARD DM UNLIMITED - 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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### License

License - FL MGUARD LIC LIFETIME FW - 2700184



License for lifetime software update of FL MGUARD field devices.

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License - FL MGUARD LIC CIM - 2701083



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

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License - FL MGUARD LIC VPN-250 GROUP - 2700192



License for up to 250 additional VPN online connections

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License - FL MGUARD LIC VPN-250 - 2700193



License for up to 250 additional VPN online connections

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## Router - FL MGUARD DELTA TX/TX VPN - 2700968

### Accessories

License - FL MGUARD LIC VPN-10 - 2700194



License for up to 10 additional VPN online connections

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### Parameterization memory

Program / configuration memory - SD FLASH 2GB - 2988162



Program and configuration memory, for extending the internal flash memory, pluggable, 2 GB.

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### Patch cable

Patch cable - FL CAT5 PATCH 0,3 - 2832250



Patch cable, CAT5, assembled, 0.3 m

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Patch cable - FL CAT5 PATCH 0,5 - 2832263



Patch cable, CAT5, assembled, 0.5 m

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Patch cable - FL CAT5 PATCH 1,0 - 2832276



Patch cable, CAT5, assembled, 1 m

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### Accessories

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Patch cable - FL CAT5 PATCH 1,5 - 2832221



Patch cable, CAT5, assembled, 1.5 m

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Patch cable - FL CAT5 PATCH 2,0 - 2832289



Patch cable, CAT5, assembled, 2 m

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Patch cable - FL CAT5 PATCH 3,0 - 2832292



Patch cable, CAT5, assembled, 3 m

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Patch cable - FL CAT5 PATCH 5,0 - 2832580



Patch cable, CAT5, assembled, 5 m

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Patch cable - FL CAT5 PATCH 7,5 - 2832616



Patch cable, CAT5, assembled, 7.5 m

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## Router - FL MGUARD DELTA TX/TX VPN - 2700968

### Accessories

Patch cable - FL CAT5 PATCH 10,0 - 2832629



Patch cable, CAT5, assembled, 10 m

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Patch cable - FL CAT6 PATCH 12,5 - 2891369



Patch cable, CAT6, pre-assembled, 12.5 m

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Patch cable - FL CAT6 PATCH 15,0 - 2891372



Patch cable, CAT6, pre-assembled, 15.0 m

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Patch cable - FL CAT6 PATCH 20,0 - 2891576



Patch cable, CAT6, pre-assembled, 20.0 m

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### Plug

RJ45 connector - FL PLUG RJ45 GR/2 - 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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## Router - FL MGUARD DELTA TX/TX VPN - 2700968

### Accessories

RJ45 connector - FL PLUG RJ45 GN/2 - 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.

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### Protective cap

Dust protection - FL RJ45 PROTECT CAP - 2832991



Dust protection caps for RJ45 socket

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### Remote control software

License - MGUARD SECURE VPN CLIENT LIC - 2702579



License for mGuard Secure VPN Client v11.x