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Router - FL MGUARD SMART2 VPN - 2700639

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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, VPN according to IPsec standard, hardware encryption with up to 35 Mbps

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.

Why buy this product

- VPN module for mobile use

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 616591

Technical data

Dimensions

Width	77 mm
Height	27 mm
Depth	115 mm

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Technical data

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)

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

Function

Basic functions	Firewall/router for office use or mobile service technicians
Supported browsers	HTTPS support required
Processor	Freescale processor with 300 MHz clocking
Status and diagnostic indicators	LEDs: In combination for boot process, heartbeat, system error, Ethernet status, recovery mode
Signal contact control current	500 mA (via USB interface or external power supply unit as an option)

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 (Up to 250 with license possible)
Encryption methods	DES, 3DES, AES-128, -192, -256
Internet Protocol Security (IPsec) mode	ESP tunnel / ESP transport
Authentication	X.509v3 certificates with RSA or PSK
Data integrity	MD5, SHA-1
1:1 Network Address Translation (NAT) in the VPN	Supported
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
Filtering	MAC and IP addresses, ports, protocols
Protection against	IP spoofing, DoS and Syn Flood Protection
Routing	NAT, 1:1-NAT, Port Forwarding

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Technical data

Network expansion parameters

Maximum conductor length (twisted pair)	100 m

Supply voltage

Supply voltage	5 V DC (from USB interface)

General

Type AX	Stand-alone
Net weight	160 g

Classifications

eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	27240409
eCl@ss 5.0	27242215
eCl@ss 5.1	19030101
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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Router - FL MGUARD SMART2 VPN - 2700639

Approvals

Approvals submitted

Approval details

EAC

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