

Router - FL MGUARD SMART2 - 2700640

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

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

Smal

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.

Why buy this product



Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 613842
GTIN	4046356613842

Technical data

Dimensions

Width	77 mm
Height	27 mm
Depth	115 mm



Router - FL MGUARD SMART2 - 2700640

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)
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	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	0 (up to 250 tunnels with additional license as an option)
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
Filtering	MAC and IP addresses, ports, protocols
Protection against	IP spoofing, DoS and Syn Flood Protection
Routing	NAT, 1:1-NAT, Port Forwarding

Network expansion parameters

	Maximum conductor length (twisted pair)	100 m
--	---	-------

Supply voltage



Router - FL MGUARD SMART2 - 2700640

Technical data

Supply voltage	Su	رامم	v vol	ltage
----------------	----	------	-------	-------

Supply voltage	5 V DC (from USB interface)
General	
Type AX	Stand-alone
Net weight	185.2 g
Housing material	Plastic
Standards and Regulations	
Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Environmental Product Compliance	
REACh SVHC	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME) 110-71-4
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
Approvals Approvals	
Approvals	
EAC	
Ex Approvals	
Approval details	
EAC [H[RU *- DE.A*30.B.01735

Phoenix Contact 2018 © - all rights reserved http://www.phoenixcontact.com

PHOENIX CONTACT GmbH & Co. KG Flachsmarktstr. 8 32825 Blomberg Germany Tel. +49 5235 300 Fax +49 5235 3 41200

http://www.phoenixcontact.com