Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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PHŒNIX CONTACT

Router - FL MGUARD RS4004 TX/DTX - 2701876

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Security appliance in metal housing with integrated 4-port Managed Switch and DMZ port, with expanded temperature range, SD card slot, intelligent firewall, router with NAT/1:1-NAT, optional VPN, CIFS integrity monitoring or OPC Inspector

Why buy this product

☑ Maximum security

☑ Maximum performance

☑ Central management tool

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356869331

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width	45 mm
Height	130 mm
Depth	114 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)

Interfaces

Router - FL MGUARD RS4004 TX/DTX - 2701876

Technical data

Interfaces

Interface 1	Ethernet
No. of ports	6 (RJ45 ports)
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
Interface 3	VPN - release button
Connection method	24 V DC/250 mA can be connected as an option

Function

Basic functions	Router with intelligent firewall, integrated 4-port managed switch, opt. VPN (opt. for 10 tunnels, up 1to 250 tunnels with additional license), CIFS Integrity Monitoring (opt.), metal housing, slot for SD memory card, extended temperature range, high-performance firewall/VPN: up to 124 Mbps / 40 Mbps
Management	Web-based management (HTTPS)
	SNMPv1-v3 (Use of SNMPv3 recommended)
Diagnostic functions	SysLog/Remote SysLog
	SNMP-Traps
	QoS, ToS/DSCP
	LLDP (Link Layer Discovery Protocol)
Supported browsers	HTTPS support required
Processor	330 MHz
Redundancy	Firewall/Router
	VPN
Status and diagnostic indicators	LEDs:P1, P2, Fault, State, Error, LAN, WAN
Signal contact control voltage	24 V DC (typical)
Signal contact control current	250 mA (short-circuit resistant)

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)
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

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Technical data

Security functions

Routing	Standard routing, NAT, 1:1-NAT, port forwarding

Network expansion parameters

Maximum conductor length (twisted pair)	100 m

Supply voltage

Supply voltage	24 V DC (redundant)
Residual ripple	3.6 V_{PP} (within the permitted voltage range)
Supply voltage range	11 V DC ... 36 V DC
Typical current consumption	100 mA (at U_S = 24 V DC)
Max. current consumption	180 mA (unloaded outputs)

General

Mounting type	DIN rail
Type AX	Stand-alone
Net weight	905.4 g
Housing material	Metal

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Type of test	Free fall in acc. with IEC 60068-2-32
Test result	1 m
Type of test	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6
Test result	5g, 10...150 Hz, 2.5 h, in XYZ direction
Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	Operation: 15g, 11 ms period, half-sine shock pulse
Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	Storage: 30g, 11 ms period, half-sine shock pulse
Conformance	CE-compliant

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Router - FL MGUARD RS4004 TX/DTX - 2701876

Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

EAC			RU *-DE.A*30.B.01735

cULus Listed			