



Product: EAGLE40-07206ECCA9HSRANFXX.X.XX

Configurator: EAGLE40 Industrial Firewalls

Configurator Description

The ruggedized EAGLE40 defies industrial firewall expectations – featuring Stateful and Deep Packet Inspection combined with next-generation multiport configurability for maximum cybersecurity performance.

Technical Specifications

Product description

Description	Next-Generation Firewall with Stateful Packet Inspection , IPSec VPN , SW Version 04.3.
Port Type and Quantity	7 ports in total; 5 x Gigabit Ethernet RJ45 LAN +, 2 x Gigabit Ethernet SFP WAN
Port Speed	10/100/10000 Mbit/s RJ45, 1000 Mbit/s SFP

More Interfaces

USB interface	2 x USB 3.0 socket to connect an approved USB storage device
Digital Input	1 x plug-in terminal block, 2-pin
Power Supply	1 x plug-in terminal block, 6-pin
Digital Output	1 x max. 60 V DC or max. 30 V AC, SELV, max. 1A

Hardware

Bypass	2 x Gigabit Ethernet Copper (2 x 1) with Gen3 Bypass
CPU	Intel Atom E3950@ 1.6GHz
Encryption	TPM 2.0 (Trusted Platform Module)*
Memory	DDR3L 8GB
Storage	64GB SSD storage

Power requirements

Operating Voltage	Dual 20 ~ 54 V DC
Power consumption	max. 25 W
Power output in BTU (IT)/h	58 BTU (IT)/h

Security features

Multipoint VPN	IPSec, IKE v1/v2, 3DES, AES (-128, -192, -256), Pre-Shared Key (PSK), X.509v3 Zertifikate, MD5, SHA-1, NAT-T, Hub-and-Spoke
Stateful inspection firewall	Firewall rules (incoming/outgoing, management)

Software

Redundancy	Tracking Framework for VRRP, VRRP (Virtual Router Redundancy Protocol)
Management	SNMPv3, SSH2/SFTP, HTTPS, Serial CLI, SNMPv1/2, local and central User Management (RADIUS), HiDiscovery, Industrial HiVision, HiView
Diagnostics	LEDs (Power, Link Status, Data, Status), Signal Contact (24 V DC/1 A), Log File, Syslog, Configuration check RMON (Statistic), Trap for changes and configuration saves, , Verbose syslog with traffic information
Configuration	Command Line Interface (CLI), Web Interface, Auto Configuration Adapter (ACA22, ACA31), HiDiscovery, Industrial HiVision, HiView
Security	DoS prevention, IPSec VPN, Audit trail, Role based Access Control, IEEE1686 compliant configuration possible, Firewall Learning Mode (FLM), , Layer 3 and Layer 2 based filtering, ACL flow based limiting, Management VLAN, Ingress storm protection, Authentication using LDAP, Transparent stateless firewall
Miscellaneous	NTP Client and Server, DHCP L3 Relay
Routing	Port based routing, static routing, multinetting, IP masquerading, 1-to-1 NAT, port forwarding, Static and Dynamic ARP entries, OSPFv2, , Layer 2 and Layer 3 VLAN routing

Ambient conditions

MTBF (Telcordia SR-332 Issue 3) @ 25°C	387 288 h
Operating temperature	-40-+70
Note	cold start at -20 °C
Minimum Storage Temperature	-40-+85 °C
Relative humidity (non-condensing)	5-95 %
Protective paint on PCB	Yes (conformal coating)

Mechanical construction

Dimensions (WxHxD)	160 x 186 x 65
Weight	1560 g
Housing Material	Rugged high-strength sheet metal
Mount Type	DIN rail
Protection class	IP40

EMC emitted immunity

EN 55032	EN 55032 Class A
FCC CFR47 Part 15	FCC 47CFR Part 15, Class A

Approvals

Basis Standard	CE, FCC
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Scope of delivery and accessories

Scope of delivery	1 × Device, 2 × DIN Rail Kit, 1 × 6-pin terminal block for power supply, 1 × 2-pin terminal block for the digital input
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Further Instructions

Product Documentation	https://www.doc.hirschmann.com/index.html
Certificates	https://www.doc.hirschmann.com/certificates.html

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