



**Product:** EAGLE40-07206ECCC9HSRANFXX.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	10/100/1000 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	VRRP (Virtual Router Redundancy Protocol), Tracking Framework for VRRP
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, Advanced threat detection – Using Tripwire Industrial Visibility (IDS)
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

Operating temperature	-40-+70
Note	cold start at -20 °C
Storage/transport temperature	-40-+85 °C
Relative humidity (non-condensing)	5-95 %
Protective paint on PCB	Yes (conformal coating)

## Mechanical construction

Dimensions (WxHxD)	65 mm x 186 mm x 160 mm
Weight	1560 g
Housing Material	Rugged high-strength sheet metal
Mounting	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
Safety of information technology equipment	UL 62368-1
Substation	IEC61850-3, IEEE1613

## Reliability

Guarantee	60 months (please refer to the terms of guarantee for detailed information)
-----------	---

## 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
-------------------	---

## Further Instructions

Product Documentation	<a href="https://www.doc.hirschmann.com/index.html">https://www.doc.hirschmann.com/index.html</a>
Certificates	<a href="https://www.doc.hirschmann.com/certificates.html">https://www.doc.hirschmann.com/certificates.html</a>

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.