HIRSCHMANN
A BELDEN BRAND



Product: EAGLE40-4F-ROUTER

Field-Level Industrial Firewall with Enhanced Cybersecurity

Product Description

The Hirschmann EAGLE40-4F is a field-level industrial firewall with four (4) Gigabit Ethernet ports, real-time traffic monitoring, and advanced cybersecurity capability.

Technical Specifications

Product description

Type:	EAGLE40-4F-ROUTER
Name:	EAGLE40-4F-ROUTER
Part Number:	942333001
Port Type and Quantity:	4 x GbE RJ45 ports
Port Speed:	10/100/1000 Mbit/s RJ45

Displays

LEDs:	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

More Interfaces

USB interface:	1 x USB 2.0 port
Serial Interface:	1 x RJ45 port (RS-232, RS-422, RS-485)
Power Supply:	1 x plug-in terminal block, 10-pin

Hardware

CPU:	NXP i.MX 8M Mini ARMv8 64-bit Cortex-A53 @ 1.6GHz
Memory:	LPDDR4 2 GB
Storage:	8 GB eMMC storage

Power requirements

Operating Voltage:	Dual 12 - 24 V DC
Power Consumption:	Minimum – 2.5W, Maximum – 12W

Security features

Multipoint VPN:	IPSec, IKE v1/v2, 3DES, AES (-128, -192, -256), Pre-Shared Key (PSK), X.509v3 Certificates, 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/SCP, HTTPS, Serial CLI, SNMPv1/2, local and central User Management (RADIUS), HiDiscovery, Industrial HiVision, HiView, LLDP
Diagnostics:	LEDs (Power, Link Status, Data, Status), Log File, Syslog, Configuration check, RMON (statistics), Trap for changes and configuration saves
Configuration:	Command Line Interface (CLI), Web Interface, Auto-Configuration Adapter (ACA22), HiDiscovery, Industrial HiVision, HiView
Security:	DoS prevention, IPSec VPN, Audit trail, Role-based Access Control, Remote Authentication via RADIUS, IEEE 1686 compliant configuration possible, Firewall Learning Mode, Routed Firewall Mode and Transparent Firewall Mode for Layer 3 and Layer 2 packet filtering rules, Management VLAN, Ingress storm protection, Authentication using LDAP
Miscellaneous:	NTP Client and Server, DHCP L3 Relay
Routing:	VLAN and port based routing, static routing, multinetting, IP masquerading, 1-to-1 NAT, port forwarding, Static and Dynamic ARP entries, OSPFv2, Static route tracking

Ambient conditions

MTBF (Telcordia SR-332 Issue 4) @ 25°C:	309,149 hours
Operating temperature:	-40-+70 °C
Minimum Storage Temperature:	-40-+85 °C

Mechanical construction

Dimensions (WxHxD):	48 x 137 x 105 mm
Weight:	613 g
Housing Material:	Aluminum with DIN clip
Mount Type:	DIN Rail 35 mm
Protection Degree / IP Rating**:	IP30

Approvals

Basis Standard:	CE, FCC
Safety of industrial control equipment:	UL 61010
Hazardous locations:	ISA-12.12.-01 Class 1 Div. 2 – Haz. Loc, ATEX-95 Category 3G (Zone 2)

Reliability

Guarantee:	60 months (please refer to the ""terms of guarantee or detailed information)
Warranty:	5 years

Further Instructions

Product Documentation:	https://www.doc.hirschmann.com/index.html
Certificates:	https://www.doc.hirschmann.com/certificates.html
Software Download:	https://my.belden.com/s/downloads

History

Update and Revision:	Revision Number: 0.88 Revision Date: 10-08-2026

Variants

Item #	Type
942333001	EAGLE40-4F-ROUTER

© 2026 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.