



**Product: EAGLE4003TX**

**Configurator: EAGLE4003TX**

### Configurator Description

The ruggedized EAGLE4003 defies industrial firewall expectations – featuring Stateful and Deep Packet Inspection combined with next-generation multiport configurability for maximum cybersecurity performance.

### Technical Specifications

#### Eagle4003 Product description

Eagle4003 Type	EAGLE4003TX (Product code: EAGLE4003T1SCCY9HSRANFXX.X...XX)
Eagle4003 Description	Next-Generation Firewall with Stateful Packet Inspection , IPSec VPN , SW Version 04.3.
Eagle4003 Part Number	942300001
Eagle4003 Port type and quantity	3 ports in total; 2 x Gigabit Ethernet RJ45 LAN +, 1 x Gigabit Ethernet RJ45 WAN
Eagle4003 Port Speed	10/100/1000 Mbit/s RJ45, 1000 Mbit/s SFP

#### Eagle4003 Interfaces

Eagle4003 USB interface	1 x USB 3.0 socket to connect an approved USB storage device
Eagle4003 Digital Input	1 x plug-in terminal block, 2-pin
Eagle4003 Power Supply	1 x plug-in terminal block, 6-pin
Eagle4003 Digital Output	1 x max. 60 V DC or max. 30 V AC, SELV, max. 1A

#### Eagle4003 Hardware

Eagle4003 Bypass	2 x Gigabit Ethernet Copper (2 x 1) with Gen3 Bypass
Eagle4003 CPU	Intel Atom E3825 @ 1.33GHz
Eagle4003 Encryption	TPM 2.0 (Trusted Platform Module)*
Eagle4003 Memory	DDR3L 2GB
Eagle4003 Storage	NAND Flash 4GB

#### Eagle4003 Power requirements

Eagle4003 Operating Voltage	Dual 20 ~ 54 V DC
Eagle4003 Power consumption	max. 15 W
Eagle4003 Power output in BTU (IT)/h	51 BTU (IT)/h

#### Eagle4003 Security features

Eagle4003 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
Eagle4003 Stateful inspection firewall	Firewall rules (incoming/outgoing, management)

#### Eagle4003 Software

Eagle4003 Redundancy	VRRP (Virtual Router Redundancy Protocol), Tracking Framework for VRRP
Eagle4003 Management	SNMPv3, SSH2/SFTP, HTTPS, Serial CLI, SNMPv1/2, local and central User Management (RADIUS), HiDiscovery, Industrial HiVision, HiView
Eagle4003 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
Eagle4003 Configuration	Command Line Interface (CLI), Web Interface, Auto Configuration Adapter (ACA22, ACA31), HiDiscovery, Industrial HiVision, HiView
Eagle4003 Security	DoS prevention, IPSec VPN, Audit trail, Role based Access Control, IEEE1686 compliant configuration possible, Firewall Leaning 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)
Eagle4003 Miscellaneous	NTP Client and Server, DHCP L3 Relay
Eagle4003 Routing	Port based routing, static routing, multinetting, IP masquerading, 1-to-1 NAT, port forwarding, Static and Dynamic ARP enteries, OSPFv2 , Layer 2 and Layer 3 VLAN routing

Eagle4003 Ambient conditions

Eagle4003 Operating temperature	0-+60
Eagle4003 Note	cold start at -20 °C
Eagle4003 Storage/transport temperature	-40-+85 °C
Eagle4003 Relative humidity (non-condensing)	10-95 %

Eagle4003 Mechanical construction

Eagle4003 Dimensions (WxHxD)	70 mm x 187.2 mm x 135.8 mm
Eagle4003 Weight	1960 g
Eagle4003 Housing Material	Rugged high-strength sheet metal
Eagle4003 Mounting	DIN rail
Eagle4003 Protection class	IP20

Eagle4003 EMC emitted immunity

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

Eagle4003 Approvals

Basis Standard	CE, FCC, EN 61131
Safety of information technology equipment	UL 62368-1

Reliability

Eagle4003 Guarantee	60 months (please refer to the terms of guarantee for detailed information)
---------------------	---

Scope of delivery and accessories

Eagle4003 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

Eagle4003 Product Documentation	<a href="https://www.doc.hirschmann.com/index.html">https://www.doc.hirschmann.com/index.html</a>
Eagle4003 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.