



## Product: EAGLE40-3TX

## 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

Type	EAGLE40-3TX (Product code: EAGLE40-033T1SCCY9HSRANFXX.X..XX)
Description	Next-Generation Firewall with Stateful Packet Inspection , IPSec VPN , SW Version 04.1.
Part Number	942300001
Port type and quantity	3 ports in total; 2 x Gigabit Ethernet RJ45 LAN +, 1 x Gigabit Ethernet RJ45 WAN
Port Speed	10/100/1000 Mbit/s RJ45, 1000 Mbit/s SFP

#### More Interfaces

USB interface	1 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 E3825 @ 1.33GHz
Encryption	TPM 2.0 (Trusted Platform Module)*
Memory	DDR3L 2GB
Storage	NAND Flash 4GB

#### Power requirements

Operating Voltage	2 x 24/36/48 V DC (18 to 60 V DC)
Power consumption	max. 15 W
Power output in BTU (IT)/h	51 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
Deep Packet Inspection	OPC, Modbus and DNP3
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 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)
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
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## Ambient conditions

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

## Mechanical construction

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

## EMC emitted immunity

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

## Approvals

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

## 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	<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>

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