



**Product:** EAGLE40-03106TCCZ9HSRANFXX.X.XX

**Configurator:** EAGLE40 Industrial Firewalls

## Configurator Description

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

## Technical Specifications

### Product description

|                        |   |
|------------------------|---|
| Description            | Next-Generation Firewall with Stateful Packet Inspection , IPSec VPN , SW Version 04.3. |
| Software Version       | HiSecOS 05.2.00   |
| Port Type and Quantity | 3 ports in total; 2 x Gigabit Ethernet RJ45 LAN + , 1 x Gigabit Ethernet SFP 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          | Dual 20 ~ 54 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 |
| 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 | 816 773 h            |
| Operating temperature                  | -40-+70              |
| Note                                   | cold start at -20 °C |
| Minimum Storage 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 |
| Mount Type           | DIN rail                         |
| IP Protection Rating | 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 |
|----------------|-------------------|

## Reliability

|           |   |
|-----------|---|
| Guarantee | 60 months (please refer to the " <a href="#">terms of guarantee</a> " 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> |

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