



Product: EAGLE40-2TX/1SFP

Configurator: EAGLE40-2TX/1SFP

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	EAGLE40-2TX/1SFP (Product code: EAGLE40-031O6SCCY9HSRANFXX.X.XX) EAGLE40-2TX/1SFP (Product code: EAGLE40-031O6SCCY9HSRANFXX.X.XX)
Description	Next-Generation Firewall with Stateful Packet Inspection , IPSec VPN Next-Generation Firewall with Stateful Packet Inspection , IPSec VPN , SW Version 03.5 , SW Version 03.5
Part Number	942300002 942300002
Port type and quantity	3 ports in total; 3 ports in total; 2 x Gigabit Ethernet RJ45 LAN +, 1 x Gigabit Ethernet SFP WAN 2 x Gigabit Ethernet RJ45 LAN +, 1 x Gigabit Ethernet SFP WAN
Port Speed	10/100/1000 Mbit/s RJ45, 1000 Mbit/s SFP 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 1 x USB 3.0 socket to connect an approved USB storage device
Digital Input	1 x plug-in terminal block, 2-pin 1 x plug-in terminal block, 2-pin
Power Supply	1 x plug-in terminal block, 6-pin 1 x plug-in terminal block, 6-pin
Digital Output	1 x max. 60 V DC or max. 30 V AC, SELV, max. 1A 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 2 x Gigabit Ethernet Copper (2 x 1) with Gen3 Bypass
CPU	Intel Atom E3825 @ 1.33GHz Intel Atom E3825 @ 1.33GHz
Encryption	TPM 2.0 (Trusted Platform Module)* TPM 2.0 (Trusted Platform Module)*
Memory	DDR3L 2GB DDR3L 2GB
Storage	NAND Flash 4GB NAND Flash 4GB

Power requirements

Operating Voltage	2 x 24/36/48 V DC (18 to 60 V DC) 2 x 24/36/48 V DC (18 to 60 V DC)
Power consumption	max. 15 W max. 15 W
Power output in BTU (IT)/h	51 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 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	Intrusion Detection System Intrusion Detection System
Stateful inspection firewall	Firewall rules (incoming/outgoing, management) Firewall rules (incoming/outgoing, management)

Software

Redundancy	VRRP (Virtual Router Redundancy Protocol), Tracking Framework for VRRP 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 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 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
Configuration	Command Line Interface (CLI), Web Interface, Auto Configuration Adapter (ACA22, ACA31), HiDiscovery, Industrial HiVision, HiView 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) DoS prevention, IPSec VPN, Audit trail, Role based Access Control, IEEE1686 compliant configuration possible, Firewall Leaning Mode (FLM)

Miscellaneous	NTP Client and Server, DHCP L3 Relay 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 Port based routing, static routing, multinetting, IP masquerading, 1-to-1 NAT, port forwarding, Static and Dynamic ARP entries, OSPFv2

Ambient conditions

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

Mechanical construction

Dimensions (WxHxD)	177 x 125.8 x 70 mm 177 x 125.8 x 70 mm
Weight	1960 g 1960 g
Housing Material	Rugged high-strength sheet metal Rugged high-strength sheet metal
Mounting	DIN rail DIN rail
Protection class	IP20 IP20

EMC emitted immunity

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

Approvals

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