



Product information Configurable Gigabit Industrial Firewall System - EAGLE30-0402206TT9H2SCCZ9HSE3F03.0.

Industrial Ethernet:Industrial Firewall System:EAGLE20/30:with HiSec0S 3.0:Configurable Gigabit Industrial Firewall System
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Name	Configurable Gigabit Industrial Firewall System
	
	Industrial firewall and security router, DIN rail mounted, fanless design. Fast Ethernet, Gigabit Uplink type. 4 x 10/100 Mbit/s Ethernet Ports, 2 x 100/1000 Mbit/s Ethernet Ports, 2 x SFP slots, Twisted Pair / RJ45. 2 x SHDSL.
Delivery informations	
Availability	available
Product description	
Description	Industrial firewall and security router, DIN rail mounted, fanless design. Fast Ethernet, Gigabit Uplink type. 4 x 10/100 Mbit/s Ethernet Ports, 2 x 100/1000 Mbit/s Ethernet Ports, 2 x SFP slots, Twisted Pair / RJ45. 2 x SHDSL.
Port type and quantity	8 ports in total, Ports Fast Ethernet: 4 x 10/100BASE TX, RJ45 ; Gigabit Ethernet Ports: 2 ; Uplink Ports: 2 x SFP slot ; WAN Ports: 2 x SHDSL
More interfaces	
Power supply	2 x plug-in terminal block, 2-pin
Signaling contact	1 x plug-in terminal block, 2-pin
Digital Input	1 x plug-in terminal block, 2-pin
V.24 interface	1 x RJ11 socket
USB interface	1 x USB to connect the AutoConfiguration Adapter ACA22-USB
SD-card slot	1 x SD card slot to connect the auto configuration adapter ACA31
Network size - length of cable	
Twisted pair (TP)	0 m ... 100 m
Multimode fiber (MM) 50/125 µm	see SFP LWL-Modul M-SFP-SX/LC and M-SFP-LX/LC
Multimode fiber (MM) 62.5/125 µm	see SFP LWL-Modul M-SFP-SX/LC and M-SFP-LX/LC
Single mode fiber (SM) 9/125 µm	see SFP LWL-Modul M-SFP-LX/LC
Single mode fiber (LH) 9/125 µm (long haul transceiver)	see SFP LWL-Modul M-SFP-LH/LC and M-SFP-LH+/LC
Network size - cascading	
Line - / star topology	any
Power requirements	
Operating voltage	2 x 24/36/48 VDC (18-60 VDC)
Power consumption	19 W
Security	
Encryption	Enhanced encryption (>56 Bit, up to 256Bit DES) Management access
Software	
Multipoint VPN	IPSec VPN
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
Redundancy functions	VRRP (Virtual Router Redundancy Protocol), VRRP Tracking
Filter	QoS 8 classes, port prioritisation IEEE 802.1D/p, VLAN IEEE 802.1Q, HTTPS, SSH, SNMP V1/V3, LLDP
Time synchronisation	NTP/SNTP
Flow control	Flow control (IEEE802.3X)
Miscellaneous	Support for WAN Interface SHDSL, Support for FE/GE Twisted Pair SFP, Wire speed port scan prevention, 8 QoS classes, port prioritization IEEE 802.1D/Q, VLAN IEEE 802.1Q
Ambient conditions	
Operating temperature	0 °C ... 60 °C
Storage/transport temperature	-40 °C ... 85 °C
Relative humidity (non-condensing)	10 % ... 95 %



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Mechanical construction

Dimensions (W x H x D)	108 mm x 164 mm x 120 mm
Mounting	DIN Rail
Weight	1500 g
Protection class	IP20

Mechanical stability

IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD)	8 kV contact discharge, 15 kV air discharge
EN 61000-4-3 electromagnetic field	35 V/m (80-2700 MHz); 1 kHz, 80% AM
EN 61000-4-4 fast transients (burst)	4 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line, IEEE1613: power line 5 kV (line/earth)
EN 61000-4-6 conducted immunity	10 V (150 kHz-80 MHz)

EMC emitted immunity

FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A

Approvals

Basis Standard	CE; C-Tick; EN 61131; EN 60950
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Scope of delivery and accessories

Scope of delivery	Device, terminal block, operating instructions, manual on CD
Accessories to order separately	Rail power supply RPS 30, RPS 80 EEC, RPS 120 EEC, terminal cable, network management Industrial HiVision, auto-configuration adapter ACA22-USB EEC or ACA31, 19" installation frame

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