



**Product:** EAGLEOne-0200T1T1SDDY90000HHEXX.X.XX

**Configurator:** EAGLE One

## Configurator Description

Extensive Layer 2 and Layer 3 redundancy features, combined with other highlights such as NAT and firewall, not only guarantee maximum data security but also make it easy to integrate your production facilities into the network. In addition, EAGLE One routers can be used in almost any environment, even Ex areas. Its unique "Firewall Learning Mode" enables easy and smooth commissioning, by allowing you to configure rules based on detected network traffic patterns.

## Technical Specifications

### Product description

Description	Industrial firewall and security router with extensive Layer 2 and Layer 3 redundancy features, DIN rail mounted, fanless design.
Port type and quantity	2 ports in total, Ports Fast Ethernet: 2 x 10/100 Mbit/s

### More Interfaces

V.24 interface	1 x RJ11 socket
USB interface	1 x USB to connect auto-configuration adapter ACA21-USB
Digital Input	1 x plug-in terminal block, 2-pin
Signaling contact	1 x plug-in terminal block, 6-pin

### Network size - length of cable

Twisted pair (TP)	0-100 m
-------------------	---------

### Network size - cascading

Line - / star topology	any
------------------------	-----

### Power requirements

Operating Voltage	12/24/48 V DC/24V AC (redundant)
Power consumption	6.9 W
Redundancy functions	Use in redundant networks/ring coupling, Firewall redundancy (layer 4)

### Security features

Multipoint VPN	Point to point, point to multipoint, remote enable/disable or via digital input, IPSec, IKEv1/v2, 3DES, AES (-128, -192, -256), Pre-Shared Key, X.509v3 certificates, MD5, SHA-1, NAT-T, Address Mapping, Hub and Spoke
Stateful inspection firewall	Firewall rules (incoming/outgoing, modem access, management), DoS prevention, MAC filter, user firewall for external activation of FW rules

### Software

Management	SSHv1, SSHv2, SNMP v1/v2/v3, HTTPS, SFTP, V.24, Access to management restricted by VLAN, Restricted management access, Remote authentication via RADIUS, Password change on first login
Diagnostics	LLDP, LEDs (status, VPN, redundancy, link status, data, ACA), Signal contact, logfile, Syslog, configuration check
Configuration	Command Line Interface (CLI), WEB based management, Automatic configuration undo (roll-back), Text based configuration file (XML), HiDiscovery, HiView, Industrial HiVision
Time synchronisation	NTP/SNTP
Routing	Static unicast routing, Multinetting, 1-to-1 NAT, IP masquerading, Port forwarding, Double NAT

### Ambient conditions

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

Mechanical construction

Dimensions (WxHxD)	60 mm x 145 mm x 125 mm
Weight	660 g
Mounting	DIN rail
Protection class	IP20

Mechanical stability

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
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD)	4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	10 V/m (80-3000 MHz)
EN 61000-4-4 fast transients (burst)	2 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
EN 61000-4-6 Conducted Immunity	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)

EMC emitted immunity

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

Approvals

Basis Standard	CE, FCC
Safety of industrial control equipment	cUL508

Reliability

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

Scope of delivery and accessories

Accessories	Rail power supply RPS 30, RPS 80 EEC, RPS 120 EEC, terminal cable, network management Industrial HiVision, auto-configuration adapter ACA21-USB EEC, 19" installation frame
Scope of delivery	Device, terminal block, General safety instructions

© 2025 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hirschmann:](#)

[EagleOne-0200T1T1SDDY90000HHEX](#)