

cyber-diode



Hardware



Data Diode



MODEL	3.1	3.0
Hardware		
Revision	3.1	3.0
CPU	Intel Atom x5-E3950 (4 Cores, 1.6 - 2.0 GHz)	Intel Atom x5-E3930 (2 Cores, 1.3 - 1.8 GHz)
Memory	8 GB	4 GB
Network interfaces default	3 x 1 Gbit/s (only two interfaces usable)	3 x 1 Gbit/s (only two interfaces usable)
Optional network cards	-	-
Available network cards	-	-
Flash Drive	1 x 16 GB eMMC	1 x 16 GB eMMC
RAID level	-	-
Graphics Connector	1 x DisplayPort 1.2	1 x DisplayPort 1.2
Serial Ports	1 x RS-232	1 x RS-232
USB Port	2 x USB 5Gbps Type-A	2 x USB 5Gbps Type-A
Smartcard Slot	-	-
Chassis		
Power Supply	24 V DC in, 2 A max	24 V DC in, 2 A max
Power consumption load	20 W	20 W
BTU/h load	48	48
Fixture	DIN rail fixture included	DIN rail fixture included
Width	42 mm	42 mm
Height	132 mm	132 mm
Depth	144 mm	144 mm
Weight	0.79 kg	0.79 kg
Weight (incl. Packaging)	1.2 kg	1.2 kg

Hardware

3.1	ENVIRONMENT OPERATION	ENVIRONMENT STORAGE
Voltage	24 V DC / 48 V DC	-
Temperature	0 °C (EN 60068-2-1:2007, Ae, temperature value in compliance with 6.6 b) to 60 °C (EN 60068-2-2:2007, Be)	-40 °C (EN 60068-2-1:2007, Ab) to +85 °C (EN 60068-2-2:2007, Bb)
Humidity	55 °C and 25 °C, 90 % to 100 % RH (EN 60068-2-30:2005, Db)	55 °C and 25 °C, 90 % to 100 % RH
Shock	11 ms @ 2.04 G	11 ms @ 2.04 G
Vibration	0.23 G	0.23 G
Norms	CE	-
3.0	ENVIRONMENT OPERATION	ENVIRONMENT STORAGE
Voltage	24V DC	-
Temperature	0 - 60 °C	-40 - 85 °C
Humidity	55 °C and 25 °C, 90 % to 100 % RH	55 °C and 25 °C, 90 % to 100 % RH
Shock	11 ms @ 2.04 G	11 ms @ 2.04 G
Vibration	0.23 G	0.23 G
Norms	CE	-