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DATA DIODE ZERO

One way diode

COMPACT



If you are looking for a data diode with a large amount of power in a petite package at a reasonable price, look no further! Data Diode Zero can handle speeds up to 1 Gbit/s and weighs only 140g. Therefore, you can fit a large number of them into your environment.

One-Way Data Transport

Data Diode Zero offers robust transport protection by ensuring data transfer in only one direction. This assurance is maintained through the inclusion of a fiberoptic cable, which is the sole means of communication between the two sides of the data diode.

Compact Design

By design, Data Diode Zero is compact, measuring 6 cm x 3 cm x 8.1 cm and weighing only 140 grams. Its size ensures seamless integration into your physical environment.

Security First

Data Diode Zero was crafted by a team of security experts with the goal of minimizing the possibility of tampering and unauthorized access.

The Benefits of a Data Diode Zero

Scalable Security

A lower-cost data diode enables you to implement multiple units across your infrastructure without significant expenditure. This scalability can be particularly advantageous for larger networks or systems that require multiple data diodes to ensure comprehensive security and reduce data leakage between networks.

Reliable for OT environments

Data Diode Zero is engineered for uninterrupted services, ensuring data such as log exports, run seamlessly without any disruption. When Data Diode Zero is paired with Diode Proxy, redundancy features and integrity verification of transferred data ensure that you can trust that the data has been transferred correctly and without errors.

Efficient Customization

Our data diode, along with surrounding software, offers a baseline set of features that you can tailor to your specific security

needs. This results in a solution that provides greater flexibility to develop a system architecture meeting your organizational demands without incurring extra costs associated with unnecessary bells and whistles.

Budget-Friendly

A more affordable data diode is also well-suited for pilot projects, proof of concepts, test environments, or experimental deployments. This enables you to test the effectiveness of the solution before committing to a more substantial investment.

Rapid Deployment

With a lower initial cost, you can deploy the data diode solution more quickly, achieving enhanced security measures sooner and mitigating potential risks.

Technical details

Performance Can handle speeds up to 1Gbit/s.

Dimensions **Cm** **Inches**

Width 6 cm 2.36 in

Height 3 cm 1.18 in

Depth 8,1 cm 3.19 in

Weight 140g

Safety CE

Temperature Range

Operating temperature range +10 °C to +40 °C

Operating relative humidity range 5 to 95% (non-condensing)

Maximum recommended ambient (Tmra) +40°C

Power Supply

**Comes with European(CE)
AC-DC Power supply**

- SWI5-5-E power supply
- Input voltage 90-264V, 47-63Hz

Required Hardware

The only thing that is required (in addition to the power adapter that is included) is

- 2 Ethernet cables

Supported Protocols User Datagram Protocol (UDP)



This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European Directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. For further information, please contact your local or regional authorities. User has the choice to give their product to a competent recycling organization or to the retailer when they buy a new electrical or electronic equipment.