



Dafocom
SOLUTIONS

BLACK OPS MEDIA CONVERTER

Convert your data from optical to ethernet and back



The Black Ops Media Converter is layer-1 hardware that converts data from optical to ethernet, with a focus on security and efficiency. Plug-and-play, transmit & receive, and power-over-ethernet.

Standard Edition

The standard edition of the Black Ops Media Converter allows for transfer speeds of up to 100MB, ensuring an effective flow of data.

Features & Security

The Black Ops Media Converter allows for up to 1GB transfer speed and uses power over ethernet (PoE). It also comes with the option to choose between transmitting or receiving data only, making it a flexible solution.

Premium Edition

The premium edition is a significant upgrade to our standard edition, as it grants transfer speeds up to ten times faster.

Hardware

The Black Ops Media Converter is made rugged to withstand harsh environmental conditions and is a quick plug-and-play solution for tactical situations that require fast deployment.

Let us integrate our solution into your desired outcome!

Canada

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Features

Enclosure designed for harsh and rugged environments.

Field-proven sturdy TFOCA II interface offers protection from dust, humidity, vibrations, and harsh temperatures.

100 & 1000 Mbps Full Duplex Operation

Links up to 100km and contains link status indicators.

Three Power Options: AC/DC/POE

Ethernet & Optical Interface

Sealed Metal RJ-45

Power, Link & Traffic Status LED's

POE & FOIL Compliant

Data Rate: 100Mbps / 1000Mbps

Power over Ethernet: Type 1 (802.3)

TFOCA II Optical Interface

Standard MultiMode: 1300nm

Premium MultiMode & SingleMode:
850/1310/1550nm

LED & Laser Transceiver

Physical & Power

Shape: Rectangular

Dimensions:

Width: 110mm

Height: 57mm

Length: 225mm

Enclosure Material: Aluminium

Finish: Anodized Black

POE-powered:

External AC 110/240 V

External DC, 18-32 V

Environmental

Storage Temp. High: +100°C (Method 501.4)

Storage Temp. Low: -60°C (Method 502.4)

Operational Temp. High: +80°C (Method 501.4)

Operational Temp. Low: -40°C (Method 502.4)

Notes: All environmental testing uses the Military Standard 810F Test (MIL-STD-810). Methods listed per item refer to the aforementioned test. All specifications and figures in this document are subject to change without prior notice.

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