

OPTIA® Portable 12 TB eSATA Direct Attached Storage

OPTIA®



DESCRIPTION

Mobile military and civilian systems coupled with large and complex data sets are the primary drivers behind the need for rugged high speed data storage devices. United Federal Systems, Inc. has introduced into its line of OPTIA® products an extremely rugged portable 12 TB eSATA Direct Attached Storage (DAS) device. The DAS is a ready-to-use system with an advanced array controller allowing for a fully-automated, instantaneous user-specified RAID configuration. With a unique and versatile arrangement, the DAS has 6 x 3.5" SATA drives. Five drives are RAID 0, 1, 5, or 10 configurable and hot swappable for uninterrupted performance and redundancy. A unique sixth drive serves as a dedicated automatic fail-over in the event of a drive failure within the array.

The DAS is easy to use having a single controller to select the RAID configuration and eSATA, USB, and 1394a/b ports to interface with computers or peripherals. The eSATA interface to external peripherals provides very high data exchange rates. Utility of the DAS is endless including data transfer, data transport, data collection, temporary or backup storage, system backup, uploading software upgrades to remote or mobile systems.

Constructed of cast aluminum alloy for exceptional strength and durability, the DAS is capable of sustaining 3-foot drops on any corner onto a solid surface. United designed the DAS to exceed MIL-STD-810G for shock and vibration.

The DAS provides a large storage capacity in a small package, measuring 9.8" (H) x 10.4" (W) x 11.5" (D) and weighing 28 lbs. The DAS is stackable, mountable, and comes with a convenient carry handle for easy portability. Configured with a removable and washable air intake filter, the DAS is suitable for harsh operating environments.

RUGGEDIZED FEATURES

- Rugged Cast Aluminum Alloy Construction for strength and durability
- Rigid Rubber corners/stands
- Shock: Free drop from 3 feet
- Vibration: 6G

SYSTEM SPECIFICATIONS

Enclosure

- Dimensions: 9.8" (H) x 10.4" (W) x 11.5" (D)
- Carry Handle for easy Portability
- Stackable and Mountable
- Filtered Air Intake
- Weight: 28 lbs with 6 hard drives

Storage

- SATA Array Controller
- 6 x 2 TB, 3.5" Hot Swappable SATA HDD
- RAID level 0, 1, 5, 10 configurable allows for versatile storage options and customization

Power

- Internal Power Supply
- 100-240VAC, 50/60Hz
- 200 Watts (nominal)

System I/O

- eSATA
- USB 2.0
- 1394a/b

Environmental

- Operating Temperature: 32°F to 122°F
(0°C to 50°C)
- Three fans: Power and two System

Operating System Support

- OS Independent

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