

# We've Created What We Consider to Be The Perfect Transportable External Hard Drive

**Take 90 Seconds to See if You Agree...**

## ❖ **PATENTED SHOCK AND VIBRATION PROTECTION**

Most external hard drives are too fragile to be moved around due to insufficient shock & vibration protection. This transportable hard drive changes all that with industry-leading 1200 Gs of shock protection (425% higher than most other external hard drives).

## ❖ **LONG OPERATIONAL LIFE**

This transportable hard drive is built to be highly reliable, and is backed by a 3-year warranty that even covers accidental drops.

## ❖ **HIGH CAPACITY**

Capacities range up to **2TB** per drive – Eliminate piles of media and consolidate data.

## ❖ **HIGH PERFORMANCE DATA TRANSFER**

USB 2.0 – 30MB/s sustained, Firewire – 35MB/s sustained, SATA/eSATA – **Over 45MB/s sustained.**

## ❖ **UNIQUE HANDHELD DESIGN**

Compact design is stackable and stands vertically. Over 40% smaller than other similar capacity drives and about the size of a VHS tape.

## ❖ **AWARD-WINNING BACKUP SOFTWARE**

USB, Firewire, eSATA and SATA cable kits include award winning EMC® Insignia® Retrospect Express backup software for easy and efficient data backups.

## ❖ **PLUG & PLAY - EASE OF USE**

Use with Windows 2000/XP/Vista, Macintosh OS 8.6+, or Linux OS

## ❖ **5.25" DOCKING BAY OPTION**

The 5.25" Docking Bay allows for cable-free usage and locks for additional security of Mobile DataVault hard drives. Mounts in any standard 5.25" slot in a rack or tower, and is available with IDE, USB 2.0, or SATA connectivity. Mix and match with other Mobile DataVault drive products!

## ❖ **OPTIONAL ENVIRONMENTAL FILTER**

Dust and splash resistant environmental filter for use in harsh conditions.



## **ENERGY EFFICIENT DRIVES AVAILABLE**

### **AVAILABLE IN THE FOLLOWING CAPACITIES:**

320GB, 500GB, 750GB, 1TB, 1.5TB, 2TB

### **ENCRYPTION COMING SOON:**

FIPS 140-2 Level 2 & 3 (Level 1 available now)

### **APPLICATIONS**

#### ❖ **Backup & Disaster Recovery**

Shock & operational vibration protection for backup, rotation & offsite archiving of critical data.

#### ❖ **Transportable Storage**

Perfect for mobile computing applications.

#### ❖ **Transferring or Moving Data**

Versatile interface allows for interchangeable connection to PCs, Macs and Linux based systems. Patented shock & vibration protection allows for safe transport and shipping.

#### ❖ **Archival Storage**

Safe storage for digital media, photography, music & important data.

#### ❖ **Mobile Video Surveillance**

Fast, reliable storage for storing mobile video data.

#### ❖ **Additional Storage**

Scalable, removable storage to easily increase capacity.

#### ❖ **Custom Applications**

Use this hard drive in a 5.25" docking bay, 19" rackmount, or tower – see back of datasheet for examples.

## PRODUCT SPECIFICATIONS

### Mobile DataVault 3DX Transportable External Hard Drive\*

Specifications may vary based on drive capacity & are subject to change.

General Characteristics	3DX
Capacity	320GB, 500GB, 750GB, 1TB, 1.5TB, 2TB
Respective Buffer Size	16 / 32 / 32 / 32 / 32 / 32 MB
Physical Dimensions	1.40 in x 4.45 in x 7.50 in
Weight	1.85 lbs
Interface	Mini-Centronics
Connectivity Options	USB 2.0/Firewire/eSATA/SATA cables* or 5.25" Docking Bay
Respective RPM	7200 / 7200 / 7200 / 7200 / 7200 / 5900
Avg Seek Time Read	8.5 ms
OS Compatibility	Windows 2000/XP/Vista Mac OS 8.6+, Linux OS
Power	
Supply Voltage	+12 Vdc (+10%/-8%), +5 Vdc (± 5%)
Startup Current (max)	2.8 A (+12 V); 1.1 A (+5 V)
Idle	9.0 W
Shock (Half-Sine Wave)	
Operating	150 G (2.0 ms)
Non-Operating	1,200 G (2.0 ms)
Vibration (Half-Sine Wave)	
Operating (rms)	0.75 G (22-350 Hz)/0.38 G (350-500 Hz)
Non-Operating (rms)	1.50 G (22-350 Hz), 0.75G (350-500 Hz)
Environmental Characteristics	
Operating:	
Amb. Temperature ( C )	0 to +60
Rel. Humidity (non-cond.)	5% - 90%
Altitude (ft)	-200 to +10,000
Non-Operating:	
Amb. Temperature ( C )	-40 to +70
Rel. Humidity (non-cond.)	5% - 95%
Altitude (ft)	-200 to +40,000
Reliability	
Error Rate (Non-Recoverable)	1 in 10 <sup>14</sup>
Start/Stops (at 40° C)	50000
Warranty	3-Years

\* Requires Mobile DataVault cable (which has mini-centronics port on one side)

## Ultra-Versatile Connectivity Options

This product can be used *interchangeably* with any of the following cable kits and/or docking bay:

### USB 2.0 CABLE

Burst Transfer Rate: 480 Mbps

### eSATA & SATA CABLES

Burst Transfer Rate: 1,200 Mbps

### FIREWIRE CABLE

Burst Transfer Rate: 400 Mbps

### 5.25" DOCKING BAY

Docking Bay Connectivity Options:  
IDE, USB 2.0, or SATA  
Locks for additional security.



## USE IN RACKMOUNT & MOBILE TOWERS

High Capacity Internal/Desktop Removable Hard Drive Solutions



Large Capacity Desktop Tower with RAID, Separate Volume or Hybrid Configurations Available



Large Capacity 19" Rackmount with RAID, Separate Volume or Hybrid Configurations Available



MIL-STD-810F Racks Optional

Also Available: Mobile DataVault 2LX Ultra-Rugged Hard Drive which survives 7 foot drops on concrete and 2LE Extreme - Rugged Hard Drives for additional temperature and altitude tolerance.

## Customized Solutions Available - Call Us

- Contact information is below.
- Visit [www.olixir.com](http://www.olixir.com) for new product updates, additional specs, applications, case studies, and promotions.
- RAID Compatible Hard Drives:** Certain rack and tower systems may require a specific model Mobile DataVault hard drive. Please call for details.



Olixir Technologies Worldwide Sales Office

370 South Abbott Ave | Milpitas, CA 95035 | phone: 800.719.0595 x101 or 408.719.0595 x101 | fax: 408.719.1372  
www.olixir.com | sales@olixir.com | Available via GSA Contract GS-35F-0538P