USB to IDE SATA Standalone HDD Hard Drive Duplicator Dock

Product ID: UNIDUPDOCK

The UNIDUPDOCK Universal SATA/IDE Dual Hard Drive Duplicator functions as both a convenient solid state (SSD) or hard drive (HDD) copying/imaging solution or an external SATA/IDE SSD or HDD docking station for 2.5in or 3.5in drives (SATA, SATA II, SATA III).

Providing quick, yet complete hard drive cloning functionality, this universal dock can operate as a standalone HDD duplicator with no connection to a host computer, delivering an exact 1 to 1 clone of the target hard drive including partition and boot sector information, the Host Protected Area (HPA) as well as user data at a copy rate of 72 MB/sec. A built in LCD screen then allows for tracking the duplication progress , as well as reporting errors on the drives.
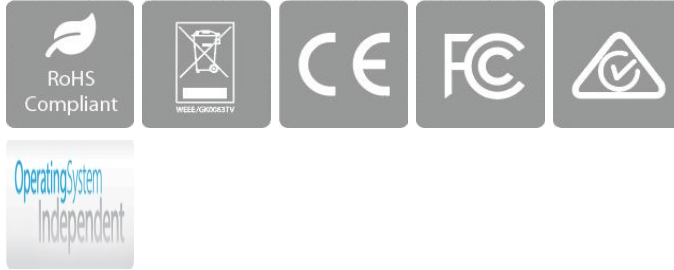
Supporting both IDE and SATA, this universal duplicator dock enables duplication from SATA to SATA, IDE to SATA or SATA to IDE, and IDE to IDE, as long as the source drive does not exceed the size of the destination drive. Or the docking station can even be used to quickly erase hard drives, for reuse in the future.

Functioning as a universal IDE and SATA HDD docking station, the hard drive duplicator can be connected to a computer through USB with support for simple plug-and-play installation, allowing users to access hard drive contents without having to mount in an external drive enclosure or open the computer case for conventional drive installation. Large capacity drives (tested with up to 4TB 3.5" and 1TB 2.5" drives per bay) can be used to greatly enhance your computer's storage/backup capabilities.

Contained in a small form factor design that makes it a suitable addition to desktop and laptop operating environments, this hard drive duplicator/external HDD docking station is a versatile storage and hard drive cloning utility that also features a host of other built in utilities that are accessible via a built in menu system.

Menu Options:

Certifications, Reports and Compatibility

Applications

• Disk imaging/hard drive cloning - create exact replicas of a source drive onto a new drive - perfect for scenarios/environments where consistency and integrity is crucial (law enforcement and forensics applications)

• SMB, OEM, System Integrators, IT and service technicians requiring quick access to bare external hard drive contents, or the ability to clone data for data / disk recovery.

• Law Enforcement and Forensics

• Quick, hassle-free hard drive backups, data recovery and drive erasing

Features

• Sector-by-Sector drive duplication, including the HPA

• Integrated LCD display for duplication progress and options menu

• Compatible with both SATA (1.5/3.0/6.0 Gbps) and IDE (66/100/133 Mbps) drives

• Supports 2.5in or 3.5in form factor hard drives (HDD) or solid state drives (SSD)

• Built-in quick drive erase function

• Additional independent support functions: drive comparisons, pre-scanning drives and hardware self-diagnosis

• Manually switchable between Duplicator and Docking Station modes.

• Built in RAID 0, 1, and BIG functionality

• Built-in protection against drive short circuiting

• High-speed USB 2.0 host interface, with support for transfer rates up to 480Mbps

• Package includes two 40pin to 44pin (3.5in to 2.5in)IDE adapters for mobile hard drive compatibility

---

Hardware

Warranty	2 Years
Interface	USB 2.0

Number of Drives	2
Drive Size	2.5in & 3.5in
Compatible Drive Types	SATA & IDE
Chipset ID	ACARD - ARC286

Performance

Maximum Data Transfer Rate	480Mbps
Type and Rate	USB 2.0 - 480 Mbit/s
Supported RAID Modes	BIG (Spanning or Concatenation)
	JBOD - (Just a Bunch of Disks)
	RAID 0 (Striped Disks)
	RAID 1 (Mirrored Disks)
Duplication Modes	Sector by Sector (Whole Drive)
Duplication Speed	4.2GBpm
Max Drive Capacity	Currently tested with up to 4TB 5400 RPM hard drives per bay (8TB total) and 1TB 5400 RPM 2.5" hard drives (2TB total)
Insertion Rating	15,000 Cycles

Connector(s)

Drive Connectors	2 - IDE (40 Pin, EIDE/PATA)
	2 - LP4 (4 pin; Large Drive Power)
	2 - SATA Data & Power Combo (7+15 pin)
Host Connectors	1 - USB B (4 pin)

Software

OS Compatibility	OS independent; No software or drivers required

Special Notes / Requirements

Note	For duplication, the destination drive must be of equal or greater capacity than the source drive.

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Output Voltage	12/5V DC
Output Current	3A
Power Consumption (In Watts)	36

Environmental

Operating Temperature	5C to 80C (41F to 176F)
Storage Temperature	-40C to 70C (-40F to 158F)
Humidity	90% RH

Physical Characteristics

Color	Black
Material	Plastic
Product Length	5.9 in [15.1 cm]
Product Width	4.3 in [11.0 cm]
Product Height	1.1 in [2.7 cm]
Weight of Product	8.3 oz [236.0 g]

Packaging Information

Package Quantity	1
Package Length	11.5 in [29.2 cm]
Package Width	7.6 in [19.3 cm]
Package Height	2.8 in [71.0 mm]
Shipping (Package) Weight	30.1 oz [854.0 g]

What's in the Box

Included in Package	1 - Universal HDD Duplicator

1 - USB 2.0 A B Cable

2 - IDE 40 to 40 pin Cables

2 - LP4 to LP4 Cables

2 - 40 to 44 pin adapters

3 - Power Cord (NA/UK/EU)

1 - Universal power adapter: comes ready for NA/EU/UK only when you buy in NA/EU/UK; comes ready for Australia and New Zealand only when you buy in Australia and New Zealand

1 - Instruction Manual

Product appearance and specifications are subject to change without notice.