MT-H Series IDE/SATA Duplicator and Sanitizer

Product Features

Features	Descriptions
Operation Type	● Stand-alone, FPGA-based operation (Non-PC based system design).
Controller Design	● Embedded controller is designed to support capacities over18TB+. ● Constant improvement supports latest market-available devices.
Bandwidth Performance	● Speed transfers of up to 18.0GB/min.(300MB/sec.) ● Dedicated bandwidth enables high-volume replications without speed degradation.
Read-Only Source Port	● There is no option to disable this built-in feature and it is integrated with all U-Reach duplicators.
Modular Cabling Design	● Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.
Real-Time PC Monitoring	● View live status for: writing/reading speeds, total capacity, current function progress per port.
Event Log Management	● Records: operating durations, individual port copy progressions, connected device models capacities, serial numbers, and PASS or FAIL results. ● Device writing/reading speeds are recorded. ● Log report files are generated through the front USB port and are saved to USB devices.

Product Models

Photos	Models	Target Ports
	MT800H	1:7
	MT1600H	1:15
	MT2400H	1:23
	MT2600H	1:25

Product Functions

Functions	Descriptions
4 Copy Modes	● <u>Quick Copy (Data & System)</u>: Supports Windows, Mac, and Linux. ● <u>All Partitions</u>: Users can skip HPA or unknown partitions. ● <u>Whole Device</u>: Copies bit-by-bit from the master device. ● <u>Percentage Copy</u>: Users can set percentages of capacity to be copied.
Compare (Verification)	● Bit-by-bit data comparison from the source device to target device(s).
7 Sanitization Modes	● Quick Erase ● Full Erase (NIST800-88) ● DoD3 Pass (DoD5220.22-M) ● DoD3 Pass+Compare (DoD 5220.22-M) ● DoD7 Pass [DoD5220.22-M(ECE)] ● Secure Erase (NIST800-88) ● Enhanced SecureErase
Bad Sector Scan	● Scans device for any bad sectors by reading and writing.
Thorough Sector Scan	● Scans device for any bad sectors by reading and writing two times.
Skip Bad Sectors	● Choose the number of bad sectors to skip.
Minimum Speed	● Disable or set minimum threshold speed to drop the slowest device.
Check Source Minimum Speed	● Allows user to enable or disable the source speed check.
Unknown Format	● Choose to copy or skip unknown formats.
Erase Source Port	● Enable or disable source port from being erased.
Device Power-up	● Choose time to wait for the device to power up prior to copy, erase, etc.
Device Power-down	● Choose time to wait for the device to power down prior to disconnection.
Scroll Lock	● Disable or enable ▲ and ▼ buttons on the control panel.
HPA Copy Modes	● Allows user to choose various HPA replication methods.

Clear HPA at Erase	● Keep or clear HPA settings during sanitization process.
Functions	**Descriptions**
Language	● English or Japanese.
Transfer Modes	● Allows user to select the transfer rate.
Log Manager	● Manage and export log reports.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	● 1.8"/2.5"/3.5" eSATA/SATA HDDs andSSDs
Compatible Devices (Requires Optional Adapters)	● 2.5"/3.5" IDE, iVDR, mSATA SSD, MicroSATA, M.2 (NGFF), CFast, and Panasonic CF-29 throughCF-74.
Supported Formats	● Quick Copy Function: FAT16/32/64, Windows (NTFS),Linux (Ext2/Ext3/Ext4), and Mac (HFS,HFS+, HFSX). ● Whole Device Copy Function: All Formats, including proprietary formats. ● GPT, MBR, and Advanced Formats.
Supported O/S	● All (Windows, Mac, Linux, and other proprietary systems).

Product Specifications

Specifications	Descriptions
LCD Display	● Backlit Monochrome LCD Display
LEDs	● 3 LED Indicators per Port: ● Yellow (Power), Green (Pass), and Red(Fail)
Control Panel	● 4 Push Buttons (▲,▼, OK,ESC)
Power Requirements	● <u>Universal Power</u>: 115VAC or 230VAC,50/60Hz
Operational Temperature	● 5°C ~ 45°C**(41°F ~113°F)**
Non-operational Temperature	● -20°C ~85°C**(-4°F ~185°F)**
Humidity	● <u>Operating</u>: 20% ~ 80%,non-condensing ● <u>Non-operating</u>: 5% to 95%,non-condensing
Packaging Dimensions (L×W×H)	● <u>MT800H</u>– 495.3 mm x 444.5 mm x 317.5 mm **(19.5 in. x 17.5 in. x 12.5in.)** ● <u>MT1600H</u>– 762 mm x 508 mm x 381 mm **(30 in. x 20 in. x 15in.)** ● <u>MT2400H</u>– 762 mm x 630 mm x 420 mm **(30 in. x 23 in. x 16.5in.)** ● <u>MT2600H</u>– 762 mm x 660.4 mm x 457.2 mm **(30 in. x 26 in. x 18in.)**
Product Weight	● <u>MT800H</u>– 9.43 kg **(20.8 lbs.)** ● <u>MT1600H</u>– 14.06 kg **(31.0lbs.)** ● <u>MT2400H</u>– 16.5 kg **(36.5lbs.)** ● <u>MT2600H</u>– 17.69 kg **(39.0lbs.)**
Certifications	● FCC, CE, RoHS

Product Replacement Parts

Part Numbers	Descriptions
P1053	● U-Reach CFast to SATA Adapter
TB1529	● U-Reach IDE to SATA Adapter
P1037	● U-Reach 2.5" 44-Pin IDE to 3.5" 40-Pin IDE Adapter
P1041	● U-Reach mSATA to SATA Adapter
P1040	● U-Reach Micro SATA to SATA Adapter
P1050	● U-Reach M.2 (NGFF) to SATA Adapter
TB1553	● U-Reach Panasonic TB CF29/30 to SATA Adapter
355111402-22	● U-Reach MT Series Modular Cable

More Information

For additional details on the U-Reach® MT-H Series, please visit:www.ureach-usa.com
Specifications are subject to change without notice.