




MT-H Series IDE/SATA Duplicator and Sanitizer



Product Features

Features	Descriptions
Operation Type	<ul style="list-style-type: none"> Stand-alone, FPGA-based operation (Non-PC based system design).
Controller Design	<ul style="list-style-type: none"> Embedded controller is designed to support capacities over 18TB+. Constant improvement supports latest market-available devices.
Bandwidth Performance	<ul style="list-style-type: none"> Speed transfers of up to 18.0GB/min. (300MB/sec.) Dedicated bandwidth enables high-volume replications without speed degradation.
Read-Only Source Port	<ul style="list-style-type: none"> There is no option to disable this built-in feature and it is integrated with all U-Reach duplicators.
Modular Cabling Design	<ul style="list-style-type: none"> Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.
Real-Time PC Monitoring	<ul style="list-style-type: none"> View live status for: writing/reading speeds, total capacity, current function progress per port.
Event Log Management	<ul style="list-style-type: none"> 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
	MT2600H	1:25

Product Functions

Functions	Descriptions
4 Copy Modes	<ul style="list-style-type: none"> • <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)	<ul style="list-style-type: none"> • Bit-by-bit data comparison from the source device to target device(s).
7 Sanitization Modes	<ul style="list-style-type: none"> • Quick Erase • Full Erase (NIST 800-88) • DoD3 Pass (DoD 5220.22-M) • DoD3 Pass+Compare (DoD 5220.22-M) • DoD7 Pass [DoD 5220.22-M(ECE)] • Secure Erase (NIST 800-88) • Enhanced Secure Erase
Bad Sector Scan	<ul style="list-style-type: none"> • Scans device for any bad sectors by reading and writing.
Thorough Sector Scan	<ul style="list-style-type: none"> • Scans device for any bad sectors by reading and writing two times.
Skip Bad Sectors	<ul style="list-style-type: none"> • Choose the number of bad sectors to skip.
Minimum Speed	<ul style="list-style-type: none"> • Disable or set minimum threshold speed to drop the slowest device.
Check Source Minimum Speed	<ul style="list-style-type: none"> • Allows user to enable or disable the source speed check.
Unknown Format	<ul style="list-style-type: none"> • Choose to copy or skip unknown formats.
Erase Source Port	<ul style="list-style-type: none"> • Enable or disable source port from being erased.
Device Power-up	<ul style="list-style-type: none"> • Choose time to wait for the device to power up prior to copy, erase, etc.
Device Power-down	<ul style="list-style-type: none"> • Choose time to wait for the device to power down prior to disconnection.
Scroll Lock	<ul style="list-style-type: none"> • Disable or enable ▲ and ▼ buttons on the control panel.
HPA Copy Modes	<ul style="list-style-type: none"> • Allows user to choose various HPA replication methods.
Clear HPA at Erase	<ul style="list-style-type: none"> • Keep or clear HPA settings during sanitization process.

Functions	Descriptions
Language	<ul style="list-style-type: none"> English or Japanese.
Transfer Modes	<ul style="list-style-type: none"> Allows user to select the transfer rate.
Log Manager	<ul style="list-style-type: none"> Manage and export log reports.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	<ul style="list-style-type: none"> 2.5"/3.5" eSATA/SATA HDDs and SSDs
Compatible Devices (Requires Optional Adapters)	<ul style="list-style-type: none"> 2.5"/3.5" IDE, iVDR, mSATA SSD, 1.8" SATA/SAS HDD and SSD with micro SATA, M.2 (NGFF), CFast, and Panasonic CF-29 through CF-74.
Supported Formats	<ul style="list-style-type: none"> Quick Copy Function: FAT16/32/64, Windows (NTFS), Linux (Ext2/Ext3/Ext4/LVM), and Mac (HFS, HFS+, HFSX). Whole Device Copy Function: All Formats, including proprietary formats. GPT, MBR, and Advanced Formats.
Supported O/S	<ul style="list-style-type: none"> All (Windows, Mac, Linux, and other proprietary systems).

Product Specifications

Specifications	Descriptions
LCD Display	<ul style="list-style-type: none"> Backlit Monochrome LCD Display
LEDs	<ul style="list-style-type: none"> 3 LED Indicators per Port: Yellow (Power), Green (Pass), and Red (Fail)
Control Panel	<ul style="list-style-type: none"> 4 Push Buttons (▲, ▼, OK, ESC)
Power Requirements	<ul style="list-style-type: none"> Universal Power: 115VAC or 230VAC, 50/60Hz
Operational Temperature	<ul style="list-style-type: none"> 5°C ~ 45°C (41°F ~ 113°F)
Non-operational Temperature	<ul style="list-style-type: none"> -20°C ~ 85°C (-4°F ~ 185°F)
Humidity	<ul style="list-style-type: none"> Operating: 20% ~ 80%, non-condensing Non-operating: 5% to 95%, non-condensing
Packaging Dimensions (L×W×H)	<ul style="list-style-type: none"> MT800H – 495.3 mm x 444.5 mm x 317.5 mm (19.5 in. x 17.5 in. x 12.5 in.) MT1600H – 762 mm x 508 mm x 381 mm (30 in. x 20 in. x 15 in.) MT2400H – 762 mm x 660.4 mm x 457.2 mm (30 in. x 26 in. x 18 in.)
Product Weight	<ul style="list-style-type: none"> MT800H – 9.43 kg (20.8 lbs.) MT1600H – 14.06 kg (31.0 lbs.) MT2400H – 17.69 kg (39.0 lbs.)
Certifications	<ul style="list-style-type: none"> FCC, CE, RoHS, MIL-STD810H

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 CF29/30/31 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: <https://www.ureach-usa.com/>

Specifications are subject to change without notice.