


MiniSAS Series Portable IDE/SATA/SAS 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. Built-in native SAS controller.
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.

Product Models

Photos	Models	Target Ports
	SAS-MS118	1:1

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
Skip Bad Sectors	<ul style="list-style-type: none"> • Choose the number of bad sectors to skip.
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.
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.
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.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	<ul style="list-style-type: none"> • 1.8"/2.5"/3.5" SAS/SATA HDDs and SSDs
Compatible Devices (Requires Optional Adapters)	<ul style="list-style-type: none"> • 1.8" ZIF HDD/SSD, 2.5"/3.5" IDE, iVDR, mSATA SSD, MicroSATA, 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), 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"> • <u>Power Adapter Input</u>: 100-240VAC / 50-60Hz / 1.4A Max. • <u>Power Adapter Output</u>: 12VDC / 7A
Operational Temperature	<ul style="list-style-type: none"> • 0°C ~ 60°C (32°F ~ 140°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"> • <u>Operating</u>: 20% ~ 95%, non-condensing • <u>Non-operating</u>: 5% to 95%, non-condensing
Packaging Dimensions (L×W×H)	<ul style="list-style-type: none"> • <u>SAS-MS118</u> – 228.6 mm x 190.5 mm x 3 mm (9 in. x 7.5 in. x 3 in.)
Product Weight	<ul style="list-style-type: none"> • <u>SAS-MS118</u> – 1.36 kg (3.0 lbs.)
Certifications	<ul style="list-style-type: none"> • FCC, CE, RoHS

Product Replacement Parts

Part Numbers	Descriptions
P1053	<ul style="list-style-type: none"> • U-Reach CFast to SATA Adapter
TB1529	<ul style="list-style-type: none"> • U-Reach IDE to SATA Adapter
P1041	<ul style="list-style-type: none"> • U-Reach mSATA to SATA Adapter
P1040	<ul style="list-style-type: none"> • U-Reach Micro SATA to SATA Adapter
P1050	<ul style="list-style-type: none"> • U-Reach M.2 (NGFF) to SATA Adapter
TB1553	<ul style="list-style-type: none"> • U-Reach Panasonic TB CF29/30/31 to SATA Adapter
OPTIONS	<ul style="list-style-type: none"> • Please call us for specific cabling, adapter, and interface requirements.

More Information

For additional details on the U-Reach® MiniSAS Series, please visit: <http://www.ureach-usa.com/SAS-MS118.html>

Specifications are subject to change without notice.