U-Reach Inc.

Expandable Production Arrangement

HD500-RM/ HD600-RM Rack Mount 3.5"/2.5" SATA HDD Duplicator

Overview

This is a expandable 3.5"/2.5" SATA Duplicator (4U 19" rackmount), which can support between 1 to 254 targets HDD copy simultaneously without speed degradation. It supports the SATA interface, and is currently the biggest SATA HDD duplicator in the market. There is no set up or software installation required and it is simple to hook up with any other HD500-RM or HD600-RM unit to become a larger target duplicator.

Features

❖ **Flexibility to expand target without slowing down speed**
Requires only a simple hookup to link each single unit together in order to expand the targets

❖ **Rack Mount Enclosure Design**
Easy to install and expand by stacking all the duplicators in a sturdy server cabinet.

❖ **Supports Multi-high Speed Copy Modes**
*Ultra high copy speed supports up to 9 GB/ min with all target HDDs fully loaded.
*Supports several Modes: Quick copy (Data & System), All Partitions, Whole HDD, Percentage copy.

❖ **Slowest HDD kick out**: during copy/ erasing, the system will automatic isolate the slowest HDD and will not affect the copy time.

❖ **Supports Multi Erase Modes**
Supports several erase modes: Quick Erase, Full Erase, DoD Erase (DoD5220.M E), Secure Erase (NIST 800-88)

❖ **Bad Sector**: when copying/erasing, can setup counter to skip Bad sector and display number of bad sectors

❖ **Event Log Report**
*Records operation times, each port's process details [including HDD's model, capacity, S/N, result (Pass, Fail)].
*Real-Time recording and viewing of the Log Report via PC-Link

❖ Clones hard disk data sector by sector.

❖ Supports 10TB or greater hard drive capacity.

❖ Supports SATA revision I/II/III (1.5 / 3.0 / 6.0 Gbps) drives

❖ Supports all major OS: Windows, Linux, RAID, and Other stand-alone systems.

❖ Support various HDD interfaces: 2.5"/3.5" SATA HDD and SSD.

Specification

Model		HD500-RM	HD600-RM
Targets		4	6
		Expandable up to 254 targets	
General	Buffer	128MB/ port	
	Maximum Speed	9 GB/min*(Real performance depends on HDD's speed)	
	Copy Format	All Partitions/ Whole HDD Copy/Percentage copy supports all Formats	
		Quick Copy: (Data & System) supports FAT16/32/64, NTFS, Linux(Ext2/3/4), HFS/HFS+/HFX	
	Operating Type	Stand-alone operation	
	Language Support	English, Japanese	
	Display	2x16 backlight monochrome LCD Display	
	Status LED	Real time indicator: Yellow(power), Green(pass), Red(fail)	
	Control Button	4 push buttons(▲/Up, ▼/Down, OK/Confirm, ESC/Exit)	
Function	Copy Modes	Quick Copy, All Partitions Copy, Whole HDD Copy, Percentage Copy	
	Bad-Sector	Skip Bad sector copy by self-setting tolerance	
	Compare Function	Bit-by-bit data comparison	
	Erase modes	Quick Erase, Full Erase, DoD Erase, Secure Erase , 7 pass erase	
Advanced function	PC Monitoring	Real-time PC monitoring	
	Log Report Management	Records all details including HDD SN, model No, operation time and result.	
		Log report file can be generated via HDD source port	
Compatibility	OS Supported	All (Windows, Linux, RAID, Other stand-alone systems)	
	HDD/SSD Compatible	Any HDD with connection allowing to access SATA interface	
	Advanced format	Support MBR, GPT, advanced format HDD (10TB above)	
Hardware	Power	Support automatic power control.	
	Power	Power supply: Adjustable voltage 115V-240V	
	Temperature	Working: 5°C ~ 45°C; Storage: -20°C ~ 85°C	
	Humidity	Working Humidity: 20% ~ 80%; Storage Humidity: 5% ~ 95%	
	Certification	FCC, CE, RoHS	