

Expandable Production Arrangement

KV500H / KV600H Rack Mount CRU HDD Duplicator

Overview



This is an expandable CRU Rackmount Duplicator (4U 19" rackmount), which can support between 1 to 254 targets CRU HDD copy simultaneously without speed degradation. It supports the DX115 DC Carrier and is currently the biggest CUR HDD duplicator in the market. There is no set up or software installation required, and it is simple to hook up with any other KV500H or KV600H 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 to expand the targets
- ❖ **Rack Mount Enclosure Design**
Easy to install and expand by stacking all the duplicators in a sturdy server cabinet.
- ❖ **Support Multi-high Speed Copy Modes**
 - *Ultra-high copy speed supports up to 18GB/ 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 automatically 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 9TB 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		KV500-H	KV600-H
			
Targets		4	6
		Expandable up to 254 targets	
General	Buffer	128MB/ port	
	Maximum Speed	18 GB/min(300MB/sec)*(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+/HFSX	
	Operating Type	Standalone operation	
	Language Support	English, Japanese	
	Display	2x16 backlight monochrome LCD Display	
	Status LED	Real time indicators: 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-for-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 CRU DX115 DC Frame enclosure.	
	Advanced format	Support MBR, GPT, advanced format HDD (18TB above)	
Hardware	Power	Support automatic power control.	
	Power Temperature	Power supply: Adjustable voltage 115V-240V	
		Working: 5°C ~ 45°C; Storage: -20°C ~ 85°C	
	Humidity	Working Humidity: 20% ~ 80%; Storage Humidity: 5% ~ 95%	
Certification	FCC, CE, RoHS		

* Specifications are subject to change without notice.