







KV-DC Series CRU Daisy-Chain 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.
Patented Daisy-Chain Design	<ul style="list-style-type: none"> • A scalable and modular system enables expansive ownership flexibilities.
Bandwidth Performance	<ul style="list-style-type: none"> • Speed transfers of up to 9.0GB/min. (150MB/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.
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
	KV500DC	1:4
	KV500DC-10	1:10
	KV500DC-16	1:16
	KV500DC-22	1:22
	KV500DC-28	1:28
	KV500DC-34	1:34

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).
5 Sanitization Modes	<ul style="list-style-type: none"> • Quick Erase • Full Erase (NIST 800-88) • DoD3 Pass (DoD 5220.22-M)

	<ul style="list-style-type: none"> • DoD3 Pass+Compare (DoD 5220.22-M) • Secure Erase (NIST 800-88)
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.
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"> • Only CRU HDDs
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>Universal Power</u>: 115VAC or 230VAC, 50/60Hz
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>KV500DC</u> – 596.9 mm x 546.1 mm x 304.8 mm (23.5 in. x 21.5 in. x 12 in.) • <u>KV500DC-10</u> – 596.9 mm x 546.1 mm x 609.6 mm (23.5 in. x 21.5 in. x 24 in.)

	<ul style="list-style-type: none"> • KV500DC-16 – 596.9 mm x 546.1 mm x 914.4 mm (23.5 in. x 21.5 in. x 36 in.) • KV500DC-22 – 596.9 mm x 546.1 mm x 1219.2 mm (23.5 in. x 21.5 in. x 48 in.) • KV500DC-28 – 596.9 mm x 546.1 mm x 1524 mm (23.5 in. x 21.5 in. x 60 in.) • KV500DC-34 – 596.9 mm x 546.1 mm x 1828.8 mm (23.5 in. x 21.5 in. x 72 in.)
Product Weight	<ul style="list-style-type: none"> • KV500DC – 1.36 kg (38.0 lbs.) • KV500DC-10 – 1.36 kg (78.0 lbs.) • KV500DC-16 – 1.36 kg (118.0 lbs.) • KV500DC-22 – 1.36 kg (158.0 lbs.) • KV500DC-28 – 1.36 kg (198.0 lbs.) • KV500DC-34 – 1.36 kg (238.0 lbs.)
Certifications	<ul style="list-style-type: none"> • FCC, CE, RoHS

Product Replacement Parts

Part Numbers	Descriptions
TBA	• TBA

More Information

For additional details on the U-Reach® KV-DC Series, please visit: <http://www.ureach-usa.com/KV-sata-hard-disk-drive-duplicator-1-to-35.html>

Specifications are subject to change without notice.