Golden Series USB/*eUSB DOM/*USB-HDD Duplicator and Sanitizer

* denotes required optional adapter(s) or power supplies.

Product Features

Features	Descriptions
Operation Type	• Stand-alone, FPGA-based operation (Non-PC based system design).
Controller Design	• Embedded controller is designed to support capacities over 18TB+. • Constant improvement supports latest market-available devices.
Bandwidth Performance	• Speed transfers of up to 2.0GB/min. (33MB/sec.) • Dedicated bandwidth enables high-volume replications without speed degradation.
Read-Only Source Port	• There is no option to disable this built-in feature and it is integrated with all U-Reach duplicators.
Modular Socket Design	• Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.
Burn-in Test	• Customize testing duration to determine the quality of the connected device(s).
Double Source Comparison	• Instead of wearing out a source device, two source devices are utilized to reduce wear during mass productions.
Write Protection	• Perform hardware-level write protection to only selected devices that supports it.

Features	Descriptions
Real-Time PC Monitoring	• View live status for: writing/reading speeds, total capacity, current function progress per port.
Event Log Management	• 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 Port #1 or through the U-Reach PC-Link Software Utility.
Get "Device" ID	• Retrieve all connected device information by its: port number, capacity, sector, VID, PID, serial number, vendor, product, and version.

Product Models

Photos	Models	Target Ports
	UB910G	1:9
	UB920G	1:19
	UB930G	1:29
	UB940G	1:39
	UB960G	1:59
N/A	UB9120G	1:119

Product Functions

Functions	Descriptions
2 Copy Modes	• Quick Copy (System & Files): Supports Windows, Mac, and Linux. • Whole Media: Copies bit-by-bit regardless of format and data type.
Compare (Verification)	• Bit-by-bit data comparison from the source device to target device(s).
3 Sanitization Modes	• Quick Erase • Full Erase (NIST 800-88) • DoD Erase (DoD 5220.22-M)
Media Checking Tools	• Diverse tools for verifying flash quality for bad sectors, capacity authenticity, and read/write speeds.

Do Format	• Automatically detects and formats device(s) to either FAT16 or FAT32.
Measure Speed	• Performs speed check by overwriting and reading the connected device(s).
Capacity Check	• Verifies the maximum capacity available.
Calc. CRC64	• Calculates the CRC64 value from the source device.
A2 Fake Picker	• Checks device(s) that contain fake capacities.
Burn-in Test	• Set from 30 Minutes through 30 Days for intensive media quality check.
Use Port 2 as Comparison Source	• Reduces wear on a source device. Requires 2 exact source devices for this function to work.
Write Protect	• *Performs hardware-level write protection to connected device(s).
Log Report Management	• Output and manage your log reports for internal records.

* denotes requirement for specifically supported Chip IC controllers.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	• USB1.1/2.0/3.0 devices and USB-HDDs.
Compatible Devices (Requires Optional Adapters)	• SD/MicroSD
Supported Formats	• 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	• All (Windows, Mac, Linux, and other proprietary systems).

Product Specifications

Specifications	Descriptions
LCD Display	• Backlit Monochrome LCD Display
LEDs	• 2 LED Indicators per Port: • Green (Pass) and Red (Fail)
Control Panel	• 4 Push Buttons (▲, ▼, OK, ESC)
Power Requirements	• Power Adapter Input: 100-240VAC / 47-63Hz / 1.6A Max. • Power Adapter Output: 12VDC / 9A • **Each USB 2.0 Port supports up to 2A**
Operational Temperature	• 0°C ~ 60°C **(32°F ~ 140°F)**
Non-operational Temperature	• -20°C ~85°C **(-4°F ~ 185°F)**
Humidity	• Operating: 20% ~ 95%, non-condensing • Non-operating: 5% to 95%, non-condensing
Physical Dimensions (L×W×H)	• UB910G – 406.4 mm x 330.2 mm x 292.1 mm **(16 in. x 13 in. x 11.5 in.)** • UB920G – 406.4 mm x 330.2 mm x 381 mm **(16 in. x 13 in. x 15 in.)**

	• UB930G – 419.1 mm x 381 mm x 355.6 mm **(16.5 in. x 15 in. x 14 in.)** • UB940G – 457.2 mm x 419.1 mm x 406.4 mm **(18 in. x 16.5 in. x 16 in.)** • UB960G – 508 mm x 381 mm x 419.1 mm **(20 in. x 15 in. x 16.5 in.)** • UB9120G – **TBA**
Product Weight	• UB910G – 4.99 kg **(11.0 lbs.)** • UB920G – 6.12 kg **(13.5 lbs.)** • UB930G – 7.48 kg **(16.5 lbs.)** • UB940G – 9.53 kg **(21.0 lbs.)** • UB960G – 12.70 kg **(28.0 lbs.)** • UB9120G – **TBA**
Certifications	• FCC, CE, RoHS, and REACH
MIL-STD-810G	• 501.5 / 502.5 / 507.5 / 514.6 / 516.6

Product Replacement Parts

Part Numbers	Descriptions
P1044	• U-Reach USB Replacement Socket
TB1537	• U-Reach 2.54 mm eUSB DOM to USB Adapter
TB1537-2	• U-Reach 2.0 mm eUSB DOM to USB Adapter

More Information

For additional details on the U-Reach® Intelligent 9 USB Golden Series, please visit: http://ureach-usa.com/usb-drive-duplicator-1-to-119-G.html

Specifications are subject to change without notice.