

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






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

## Product Features

Features	Descriptions
<b>Operation Type</b>	<ul style="list-style-type: none"> <li>Stand-alone, FPGA-based operation (Non-PC based system design).</li> </ul>
<b>Controller Design</b>	<ul style="list-style-type: none"> <li>Embedded controller is designed to support capacities over 18TB+.</li> <li>Constant improvement supports latest market-available devices.</li> </ul>
<b>Bandwidth Performance</b>	<ul style="list-style-type: none"> <li>Peak transfer speeds up to 2.0GB/min. (33MB/sec.)</li> <li>Dedicated bandwidth enables high-volume replications without speed degradation.</li> </ul>
<b>Read-Only Source Port</b>	<ul style="list-style-type: none"> <li>There are no options to disable this built-in feature and it is integrated with all U-Reach duplicators.</li> </ul>
<b>Modular Socket Design</b>	<ul style="list-style-type: none"> <li>Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.</li> </ul>
<b>Burn-in Test</b>	<ul style="list-style-type: none"> <li>Customize testing durations to determine the quality of the connected device(s).</li> </ul>
<b>Double Source Comparison</b>	<ul style="list-style-type: none"> <li>Instead of wearing out a source device, two source devices are utilized to reduce wear during mass productions.</li> </ul>
<b>Write Protection</b>	<ul style="list-style-type: none"> <li>Perform hardware-level write protection to only selected devices that supports it (Please contact us).</li> </ul>

Features	Descriptions
<b>Real-Time PC Monitoring</b>	<ul style="list-style-type: none"> <li>View live status for: writing/reading speeds, total capacity, and current function progress by individual ports.</li> </ul>
<b>Event Log Management</b>	<ul style="list-style-type: none"> <li>Records: operating durations, individual port copy progressions, connected device models, capacities, serial numbers, and PASS or FAIL results.</li> <li>Device writing/reading speeds are recorded.</li> <li>Log report files are generated through Port #1 or through the U-Reach PC-Link Software Utility.</li> </ul>
<b>Get "Device" ID</b>	<ul style="list-style-type: none"> <li>Retrieve all connected device information by its: port number, capacity, sector, VID, PID, serial number, vendor, product, and version.</li> </ul>

## 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
<b>2 Copy Modes</b>	<ul style="list-style-type: none"> <li><b>Quick Copy (System &amp; Files):</b> Supports Windows, Mac, and Linux.</li> <li><b>Whole Media:</b> Copies bit-by-bit regardless of format and data type.</li> </ul>
<b>Compare (Verification)</b>	<ul style="list-style-type: none"> <li>Bit-by-bit data comparison from the source device to target device(s).</li> </ul>
<b>3 Sanitization Modes</b>	<ul style="list-style-type: none"> <li>Quick Erase</li> <li>Full Erase (NIST 800-88)</li> <li>DoD Erase (DoD 5220.22-M)</li> </ul>
<b>Media Checking Tools</b>	<ul style="list-style-type: none"> <li>Diverse tools for verifying flash quality for bad sectors, capacity authenticity, and read/write speeds.</li> </ul>

<b>Do Format</b>	<ul style="list-style-type: none"> <li>Automatically detects and formats device(s) to either FAT16 or FAT32.</li> </ul>
<b>Measure Speed</b>	<ul style="list-style-type: none"> <li>Performs speed check by overwriting and reading the connected device(s).</li> </ul>
<b>Capacity Check</b>	<ul style="list-style-type: none"> <li>Verifies the maximum capacity available.</li> </ul>
<b>Calc. CRC64</b>	<ul style="list-style-type: none"> <li>Calculates the CRC64 value from the source device.</li> </ul>
<b>A2 Fake Picker</b>	<ul style="list-style-type: none"> <li>Checks device(s) that contain fake capacities.</li> </ul>
<b>Burn-in Test</b>	<ul style="list-style-type: none"> <li>Set from 30 Minutes through 30 Days for intensive media quality check.</li> </ul>
<b>Use Port 2 as Comparison Source</b>	<ul style="list-style-type: none"> <li>Reduces wear on a source device. Requires 2 exact source devices for this function to work.</li> </ul>
<b>Write Protect</b>	<ul style="list-style-type: none"> <li>*Performs hardware-level write protection to connected device(s).</li> </ul>
<b>Log Report Management</b>	<ul style="list-style-type: none"> <li>Output and manage your log reports for internal records.</li> </ul>

\* denotes requirement for specifically supported Chip IC controllers.

## Product Compatibilities

Compatibilities	Descriptions
<b>Compatible Devices</b>	<ul style="list-style-type: none"> <li>USB1.1/2.0/3.0 devices and *USB-HDDs (requires additional power adapter).</li> </ul>
<b>Compatible Devices (Requires Optional Adapters)</b>	<ul style="list-style-type: none"> <li>SD/MicroSD</li> </ul>
<b>Supported Formats</b>	<ul style="list-style-type: none"> <li>Quick Copy Function: FAT16/32/64, Windows (NTFS), Linux (Ext2/Ext3/Ext4), and Mac (HFS, HFS+, HFSX).</li> <li>Whole Device Copy Function: All Formats, including proprietary formats.</li> <li>GPT, MBR, and Advanced Formats.</li> </ul>
<b>Supported O/S</b>	<ul style="list-style-type: none"> <li>All (Windows, Mac, Linux, and other proprietary systems).</li> </ul>

## Product Specifications

Specifications	Descriptions
<b>LCD Display</b>	<ul style="list-style-type: none"> <li>2x20 Backlit Monochrome LCD Display</li> </ul>
<b>LEDs</b>	<ul style="list-style-type: none"> <li>2 LED Indicators per Port:</li> <li>Green (Pass) and Red (Fail)</li> </ul>
<b>Control Panel</b>	<ul style="list-style-type: none"> <li>4 Push Buttons (▲, ▼, OK, ESC)</li> </ul>
<b>Power Requirements</b>	<ul style="list-style-type: none"> <li><u>Power Adapter Input</u>: 100-240VAC / 47-63Hz / 1.6A Max.</li> <li><u>Power Adapter Output</u>: 12VDC / 9A for UB910G (10-Ports)</li> <li><u>Power Adapter Output</u>: 12VDC / 12.5A for UB9XXG (20-Ports and Higher)</li> <li><b>Each USB 2.0 Port supports up to 2A</b></li> </ul>
<b>Operational Temperature</b>	<ul style="list-style-type: none"> <li>5°C ~ 45°C (41°F ~ 113°F)</li> </ul>
<b>Non-operational Temperature</b>	<ul style="list-style-type: none"> <li>-20°C ~ 85°C (-4°F ~ 185°F)</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li><u>Operating</u>: 20% ~ 80%, non-condensing</li> <li><u>Non-operating</u>: 5% to 95%, non-condensing</li> </ul>
<b>Physical Dimensions (L×W×H)</b>	<ul style="list-style-type: none"> <li><u>UB910G</u> – 406.4 mm x 330.2 mm x 292.1 mm (16 in. x 13 in. x 11.5 in.)</li> </ul>

	<ul style="list-style-type: none"> <li>• <u>UB920G</u> – 406.4 mm x 330.2 mm x 381 mm (<b>16 in. x 13 in. x 15 in.</b>)</li> <li>• <u>UB930G</u> – 419.1 mm x 381 mm x 355.6 mm (<b>16.5 in. x 15 in. x 14 in.</b>)</li> <li>• <u>UB940G</u> – 457.2 mm x 419.1 mm x 406.4 mm (<b>18 in. x 16.5 in. x 16 in.</b>)</li> <li>• <u>UB960G</u> – 508 mm x 381 mm x 419.1 mm (<b>20 in. x 15 in. x 16.5 in.</b>)</li> <li>• <u>UB9120G</u> – TBA</li> </ul>
<b>Product Weight</b>	<ul style="list-style-type: none"> <li>• <u>UB910G</u> – 4.99 kg (<b>11.0 lbs.</b>)</li> <li>• <u>UB920G</u> – 6.12 kg (<b>13.5 lbs.</b>)</li> <li>• <u>UB930G</u> – 7.48 kg (<b>16.5 lbs.</b>)</li> <li>• <u>UB940G</u> – 9.53 kg (<b>21.0 lbs.</b>)</li> <li>• <u>UB960G</u> – 12.70 kg (<b>28.0 lbs.</b>)</li> <li>• <u>UB9120G</u> – 25.4 kg (<b>56.0 lbs.</b>)</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• FCC, CE, RoHS, REACH</li> </ul>

## Product Replacement Parts

Part Numbers	Descriptions
<b>P1044</b>	<ul style="list-style-type: none"> <li>• U-Reach USB Replacement Socket</li> </ul>
<b>TB1537</b>	<ul style="list-style-type: none"> <li>• U-Reach 2.54 mm eUSB DOM to USB Adapter</li> </ul>
<b>TB1537-2</b>	<ul style="list-style-type: none"> <li>• U-Reach 2.0 mm eUSB DOM to USB Adapter</li> </ul>

## 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.