

# EMUHDD v49 – IDE USER MANUAL

## *Hard Disk Emulator*



*Retrofit services for the industry, from the machinery to the solution*

EMUHDD Tech-Homepage :  
[www.embeddedsw.net](http://www.embeddedsw.net)

Designer & Customer Support :  
[embedded@embeddedsw.net](mailto:embedded@embeddedsw.net)

EMUHDD scores a unique 100% rate of successful replacements:

- we freely help customers, **before purchasing**, in collecting all the needed infos;
- we provide **analysis service** to identify/backup/emulate;
- we provide free software capable of doing **universal backup**;

**ALL-INCLUSIVE PROFESSIONAL INSTALLATION SERVICE AVAILABLE**

We're able to come to you and directly retrofit all kind of existing industrial machinery, quickly, safely and at an affordable price:

- no need to change the CNC/PNC/control;
- no need to change any electronic;
- backup/digitalization/testing of all kind of data/program & system/boot/recovery;
- no need to rewrite existing programs;
- new programs saved directly on EMUHDD;
- shortest production stopping time;
- EMUHDD training of the worker.

DIMENSIONS – 2.5 " FORM FACTOR	
<b>HEIGHT [H]</b>	0,50 in / 1,27 cm
<b>WIDTH [W]</b>	2,75 in / 6,99 cm
<b>DEPTH [D]</b>	3,90 in / 9,91 cm
<b>WEIGHT</b>	0,35 lb / 160 g
HARDWARE	
<b>INTERNAL MEMORY TYPE</b>	128 MB - 64 GB non-volatile memory
<b>INTERNAL MEMORY RELIABILITY</b>	≤ 16 GB: 10 DWPD, 6 years (24/7/365 usage) ≥ 32 GB: 1 DWPD, 2 years (24/7/365 usage) -13 °F to +185 °F / -25 °C to +85 °C Mechanical Shock 1500 G (0,5 ms on 3 axes)
<b>POWER ON TIME</b>	Less than (<) 500 ms
<b>REAR INTERFACE</b>	IDE 44 pin IDC connector
SOFTWARE	
<b>BACKUP SOFTWARE</b>	XP, Win7, Win8, Win10, Server, x32 & x64
<b>SPEED</b>	IDE UDMA 0-5 & PIO 0-6, Asynch & Synch transfer
<b>SUPPORT</b>	Raw Image Mode: <i>Any existing standard or custom on request</i>
<b>SOME COMMON EXAMPLES...</b>	Any 2.5" Hard Disk Any 3.5" Hard Disk
<b>NEED MORE?</b>	<i>Ask customer support for help in identifying your disk!</i>

“Is EMUHDD compatible with my machinery?”

“Yes, because EMUHDD it's the best existing professional emulation product. We will:

- provide you extensive pre-selling support and specifically analyze your target;
- configure a 100% custom EMUHDD solution, just for you;
- help you remotely during the installation, using live Skype connection.”

