

## Flash Doctor

**Used For:** Data recovery for flash-based storage devices

Hardware-software complex for flash data recovery from the physically damaged **flash storage devices** when access to the user data is impossible by the native interface realized by the native controller.

## **SD Flash Doctor - the ultimate solution for Flash Data Recovery**

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More details about Flash Data Recovery

Doctor, please kindly visit our new site: <http://www.sd-flash.com>

## **SD Flash Doctor – Complete Stand-Alone Software-Hardware Complex**

### **Purpose**

SD Flash Doctor is a professional tool for flash data recovery from damaged flash media (both physical and logical problems). This is an advanced stand-alone flash data recovery kit contains hardware and software: the hardware helps to access the flash chip contains user data despite of damaged controller or any other front ends (PCB, etc.) using non-standard interface and command, and then extract all the data as an image; the software works on this image and helps to rebuild the data which is doomed to be corrupted because of the "Data Mix" technology used by the manufacturers, Flash Data Recovery Doctor uses unique algorithm which removes the data mix with no need to know/use/emulate/analyze the controller. That's to say, Flash Data Recovery Doctor "removes" the data mix directly. Amazing? Please read on.

### **Supported Devices**

Flash Doctor supports all NAND-based flash storage devices (SD, SM, MMC, XD, USB Pendrive, MemoryStick, CompactFlash etc.), with damaged controller or any other front ends (PCB, etc.) since Flash Data Recovery Doctor needs to work on the flash memory only when users carry out Flash Data Recovery.

### **Flash Doctor Hardware – Flash Reader**

Basically, flash storage devices are made up by two major parts: the front end (mainly the controller chip and the PCB) and the flash memory chip. PCB ensures the proper functioning of the device and it seldom damages itself; Controller chip for the flash device is more like the SA for the hard drive, it is responsible for the "Data Mix" and defect list (where the user data should/shouldn't be