



BlackBag Technologies, Inc.

FireBox User Document

Thank you for choosing the BlackBag Technologies FireBox. Closely check the packing box contents to ensure that you have received all necessary components. The following components should be included:

1. FireBox unit
2. Power brick and cord
3. 6-pin FireWire cable
4. SCSI ribbon
5. IDE ribbon
6. Two hard drive power cables
7. SCSI adapter

The FireBox unit is mobile, able to be transported unobtrusively to a suspect system and perform onsite analysis or acquire images from both SCSI and IDE drives without the use of a lab. One side of the FireBox is designed for use with the SCSI drive, the other with the IDE drive. External ribbon connectors and power cables are provided, yet you may also use the ribbon connectors attached to the suspect drive.

Note to Windows users: If you use an “add-on” FireWire card, ensure that the card is properly installed with the appropriate OS drivers before using it with FireBox unit; otherwise, you will be unable to view logical partitions.

Using the FireBox Unit

To acquire an image from a suspect hard drive or perform analysis directly on the suspect drive, follow these steps:

1. Connect the power brick and cord to the FireBox unit.
2. Connect the suspect hard drive to the FireBox unit using one power cable and the appropriate drive-specific ribbon (SCSI or IDE). (Note that the suspect drive jumper should be set to the master setting. On many drives you can apply the master setting by removing the plastic-enclosed copper pieces from the two pins on the drive; however, you should consult the drive manufacturer website to confirm this procedure.)
3. Connect one end of the FireWire cable to the same side of the FireBox unit to which the suspect drive is connected, and then connect the other end of the cable to your analysis system.
4. Power up the FireBox with the switch on the side of the unit: on (i) / off (o).
5. Listen to ensure that the suspect drive powers up within a few seconds after the FireBox. If the suspect drive does not power up, check the power supply to confirm that the green LED is lit, and then check all cables to ensure that they are securely connected.
Mac users: the suspect drive will auto-mount on the analysis system desktop (if AutoDiskMounting is on), shown as a removable disk icon. (Non-Mac users can browse the file system by using the My Computer icon.)
6. Begin the imaging process, or perform analysis directly on the suspect drive.
7. If the suspect drive is not visible or does not auto-mount on the analysis system desktop, follow these steps:
 - a. Unplug and re-plug the FireWire connection to the analysis system.
 - b. If the drive still has not mounted, unplug the analysis system FireWire cable, and then power down and power up the FireBox unit before re-connecting the analysis machine to the FireWire cable.
8. Complete the analysis by unmounting the suspect drive (Mac users press **Command + E**) and immediately disconnecting the FireWire cable from the analysis machine.

Note: If the drive is not immediately disconnected, and the suspect drive remounts, repeat step 8.