

## Adding a Hard Drive to i<sup>3</sup> Compact server

Each standard i<sup>3</sup> International Compact server can accept one extra storage hard drive without having to open the unit cover. Please use i<sup>3</sup> approved hard drives **only**. All additional hard drives used with i<sup>3</sup> units must be Seagate Surveillance SATA edition hard drives. Using regular hard drives in the server application will cause the system to overheat, system crash may also occur as a result, and VOID warranty from i<sup>3</sup> International.

### REMEMBER:

- Handle hard drives with care
- Do not subject the drive(s) to any physical shock
- Always ground yourself before handling hard drives.

List of i<sup>3</sup>-approved SATA hard drives:

- I-ST380815AS (Seagate 80GB Surveillance)
- I-ST3500630SV (Seagate 500GB Surveillance)
- I-ST3500410SV (Seagate 500GB Surveillance)
- I-ST31000340SV (Seagate 1TB Surveillance)
- I-ST31000525SV (Seagate 1TB Surveillance)

### Parts needed:

1 x i<sup>3</sup> approved SATA Seagate hard drive (Surveillance edition)  
Philips screwdriver

### Step 1.



Shut down the DVR and unplug the power. Open the unit door and locate the hard drive bay. Using the Philips screw driver remove two screws that hold the hard drive bay in place.

### Step 2.



Hold onto the provided bay handle and pull the empty hard drive bay out. Remove the empty bay from the unit.

### Step 3.



**Ground yourself** and slide the new hard drive **face up** inside the provided hard drive bay.



The hard drive must be positioned in the bay in such a way that the drive connectors are exposed and face away from the closed side of the bay.

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### Step 4.



Place the bay with the inserted hard drive flat on a clean, leveled and stable surface. Locate six (6) small bay screws (shipped separately inside the accessory box). With the Philips screwdriver screw the hard drive to the hard drive bay, 3 screws on each side.

### Step 5.



Slide the hard drive bay with the new hard drive inside the hard drive bay slot.

### Step 6.



Using the Philips screwdriver, re-attach the hard drive bay to the unit with 2 screws.

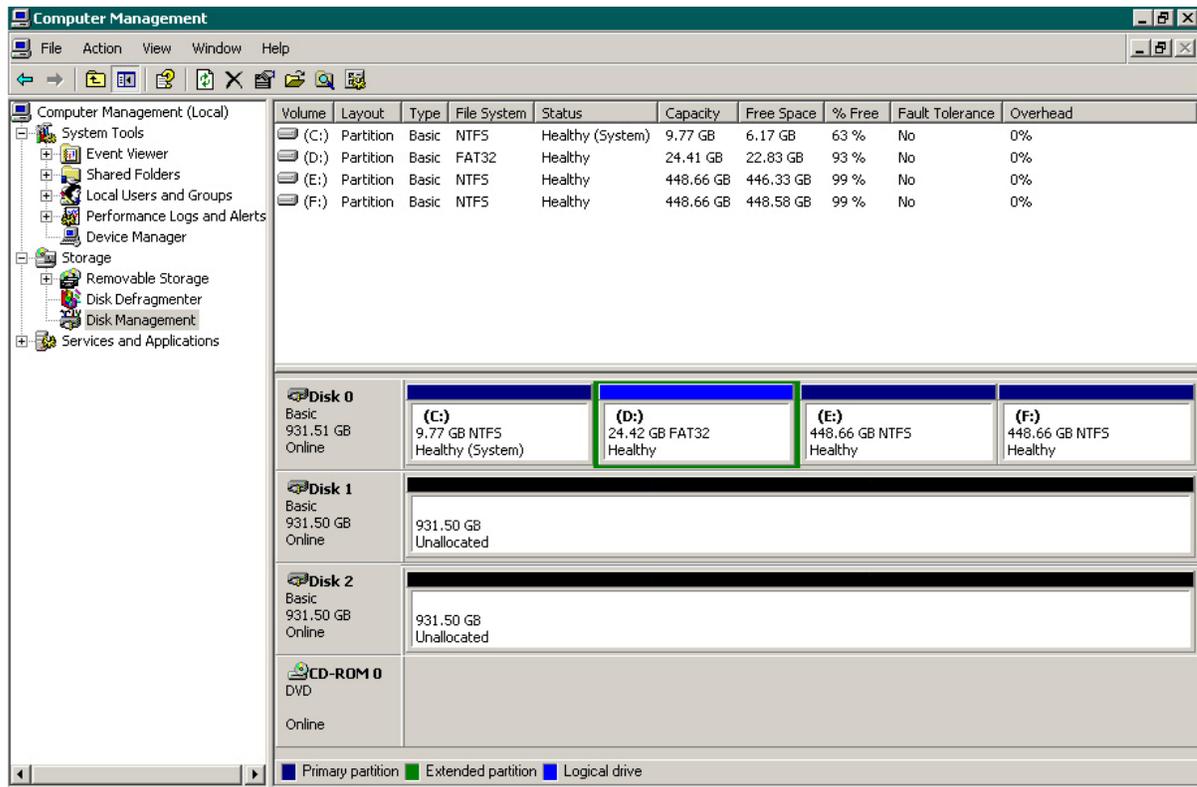
Connect the power to the unit and power up the DVR.

Now that the additional drive has been added to the system, it needs to be partitioned in accordance with i<sup>3</sup>DVR standards.

### Partitioning a Hard Drive in XP Embedded

1. Wait for the Windows OS and the SRX-Pro Server to load. Then log into the SRX-Pro Server as a master user and press **Alt + Shift + Ctrl + F4** on your keyboard to exit SRX-Pro Server and access the Desktop.
2. Click the **START** button on the bottom left corner of the screen.
3. Right-click on **My Computer** and select **Manage** from the context menu. Computer Management window will be displayed.
4. In the left pane, select Disk Management. In the right pane, the system physical drives are displayed. The newly installed hard drive will be marked "Unallocated". Please ensure that the unallocated drive is identified as **BASIC**, not *Dynamic*\*

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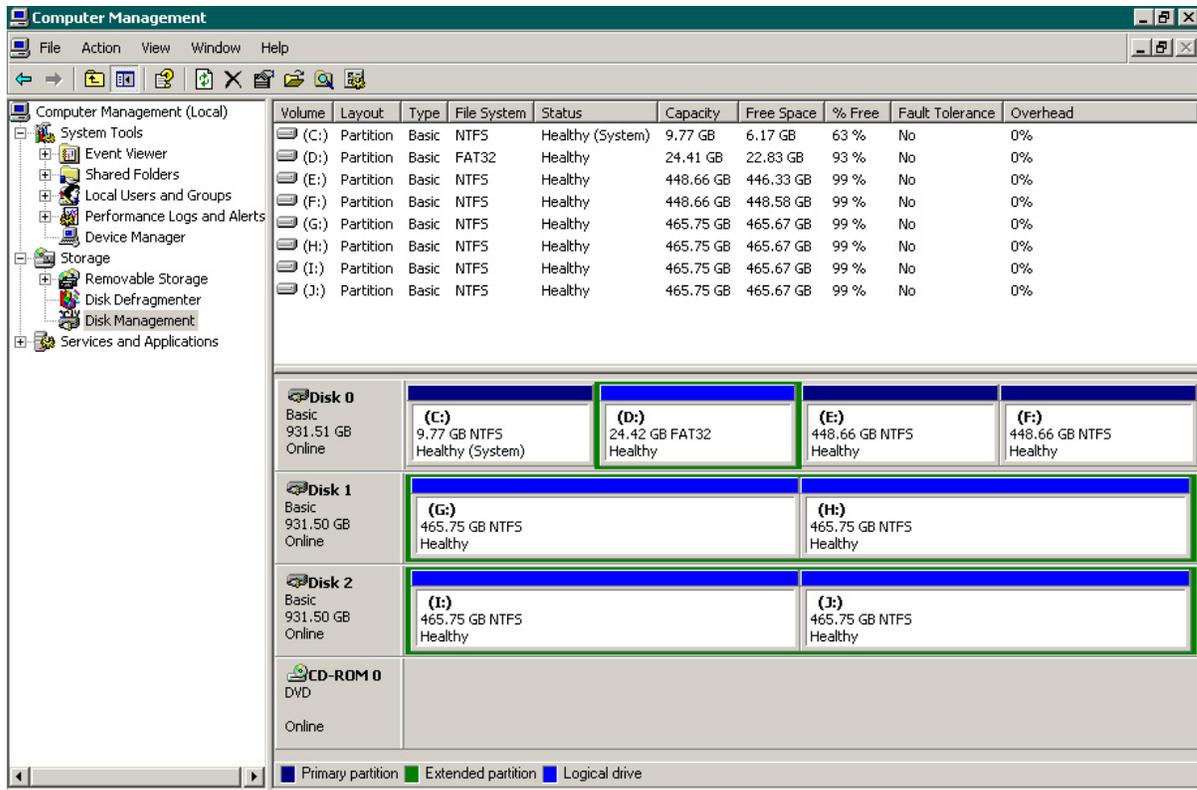


\* If the drive is identified as Dynamic, right-click and select Convert to Basic Disk... from the context menu.

5. In the right pane, right-click on **CD-ROM 0** drive and select **Change Drive Letter and Paths...** in the context menu.
6. In the new window, click **Change...**
7. In the Change Drive Letter or Path window, select the drive letter **M** and click **OK**. Click **Yes** in the confirmation window.
8. Right-click on the black bar of the unallocated drive (usually Disk 1) and select **New Partition** from the context menu.
9. In the new window, click **Next**. Select Extended Partition, click **Next** twice. Click **Finish**. The black bar will become green to indicate that the drive was converted to an extended partition.
10. Right-click on the green bar of the new drive and select **New Logical Drive...** from the context menu.
11. Enter the value of **Partition size in MB**.  
To calculate the size of each partition, divide new hard drive's total capacity by two or four, depending on the number of partitions desired.
12. Click **Next**. Make sure that the selected drive letter is the first available letter in a sequence. Click **Next** again.
13. In the New Partition Wizard window, erase the **Volume label** and check off the **Perform a quick format** checkbox. Click **Next**. Click **Finish**.

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- Repeat steps 11-14 until new drive has been partitioned into 2 or 4 equal partitions, depending on user preference. The drive letters of all partitions should form an uninterrupted sequence (i.e. G,H,I,J). See image below.



This completes the new hard drive configuration. Restart SRX-Pro Server, go to Setup -> Storage Setup and allocate all new partitions for video recording.

Please contact technical support at [support@i3dvr.com](mailto:support@i3dvr.com) or by phone: 1.877.877.7241 if you have any other questions or issues.

Thank you very much for your attention and cooperation.

*Technical Support and Services*