

REMOTE CCTV digital TRANSMISSION

# Intellex® Digital Video Management System

Restore Instructions

visual

communication

d o c u m e n t a t i o n

control

AUDIO

SECURITY

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Sensormatic Electronics Corporation  
Video Systems Division  
6795 Flanders Drive  
San Diego, CA 92121-2903 U.S.A.

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## INTELLEX SYSTEM DISK RESTORE KIT

The Intellex System Disk Restore Kit is a service tool consisting of two floppy disks with the operating system and device drivers and three Intellex Restore CDs with an Intellex system disk including the Microsoft Windows operating system and the Intellex application software. Because each CD has the drivers required for a particular Intellex motherboard, one CD for each type of Intellex system is provided:

- Intellex 1.x with 166MHz Intel processor,
- Intellex 1.x with AMD 300MHz processor, and
- Intellex 2.0 with Intel 440BX-2 motherboard.

The software version for the Intellex 1.x systems is V1.6. The same floppies are used on all Intellex 1.x platforms.

This kit is intended only for restoring the original system disk configuration as part of a service or maintenance procedure. This kit may be used to restore any number of systems that were originally manufactured by Sensormatic. Use of this kit to install software on any other computer or system is in violation of the End User License Agreement and is strictly prohibited.

At the end of the process, you will be prompted to enter the Windows Product ID. The Product ID from the original system Certificate of Authenticity should be used.

This kit should only be used by qualified service personnel. Using this kit and configuring the Intellex software requires specialized knowledge of computer repair and Intellex setup. Untrained personnel should not attempt a system restore operation, as damage to hardware or software components may occur.

You should archive any configuration information or image databases before you start a system restore operation. The system recovery process destroys any databases on the Intellex unit and restores the factory defaults. A saved Intellex configuration can be restored from a floppy to facilitate re-installation of the system.

## INTELLEX RESTORE CD REQUIREMENTS

- A MicroSolutions Backpack parallel port CD-ROM drive (preferred), a SCSI external CD-ROM drive, or an IDE or SCSI internal CD-ROM drive (internal drives require opening the Intellex unit to install).
- A keyboard and mouse.
- The restore floppy disk set and the Restore CD appropriate for your model of Intellex.
- An Intellex unit.
- An SVGA monitor.

This restore procedure has been tested with the MicroSolutions Backpack Model 167700 parallel port CD-ROM drive. It should work with other Backpack models, but it will NOT work with other brands of parallel port CD drives.

This restore procedure has been tested with the Plextor UltraPlex 40X Max Model PX-40TSe external SCSI CD-ROM drive. It should work with any standard external SCSI CD-ROM drive, but it has not been tested with all available brands and models of external SCSI CD-ROM drives.

This restore procedure should work with any standard ATAPI-compliant IDE CD-ROM drive.

This restore procedure has not been tested with all available internal SCSI CD-ROM drives, but it should work with any standard internal SCSI CD-ROM drive.

Please note that the Restore CD is specific to each model of Intellex. Verify that you are using the correct Restore CD for your version and motherboard before beginning. Installing the incorrect version can cause loss of data and can render the unit unbootable.

## INTELLEX 1.6 RESTORE CD INSTRUCTIONS

**NOTE:** Please note that the Restore CD is specific to each model of Intellex. Verify that you are using the correct Restore CD for your version and motherboard before beginning. Installing the incorrect version can cause loss of data and can render the system unbootable.

1. With the Intellex unit powered off, attach an external SCSI, IDE, or Parallel CD-ROM drive and turn the drive on if necessary.
2. Attach a keyboard, mouse and monitor to the system.
3. Insert the Restore CD into the CD-ROM drive and floppy diskette #1 into the floppy drive.
4. Start the Intellex unit.
5. When the **Startup Menu** appears, select option #1.
6. Run **FDISK**, making sure to enable large disk support (press "Y" when prompted "Do you wish to enable large disk support (Y/N).....?").
  - a. On Drive 1, create one primary partition of 2000 MB.
  - b. Create one extended partition using all available space.
  - c. Create one logical partition using all available space.
  - d. On all other drives, first create one extended partition using all available space, and then create one logical partition using all available space.
  - e. Mark the primary partition on Drive 1 "Active."
  - f. Exit **FDISK** and reboot.
7. When the **Startup Menu** appears, select option #2.
8. Insert floppy diskette #2 when prompted.
9. Perform a **FORMAT** on the C: drive.
10. Run the **RESTORE** command.
11. When finished, eject the CD-ROM and the floppy diskette and power the unit off.

12. Detach the CD-ROM drive and restart the Intellex unit. It should boot into Windows.
13. Set the video mode to 640x480 resolution in 16-bit color
14. Insert floppy diskette #1 and run NTSC.reg to set up the unit for NTSC, or run PAL.reg to set up the unit for PAL. Eject the floppy diskette when finished.
15. Double-click on **My Computer**, then right-click on D: and select **FORMAT**. Format all other drives except A: and C: in the same manner.
16. Run **DriveConfig**.
17. Add a shortcut to Intellex in the Startup folder, if necessary.
18. When you are finished setting up Intellex, restart the unit and it will be ready to run.

## INTELLEX 2.0 RESTORE CD INSTRUCTIONS

NOTE: Please note that the Restore CD is specific to each model of Intellex. Verify that you are using the correct Restore CD for your version and motherboard before beginning. Installing the incorrect version can cause loss of data and can render the unit unbootable.

NOTE: If you use an external SCSI CD-ROM, some early Intellex 2.0 units equipped with a Sony SDT-10000 DAT drive may require that you open the case and temporarily disconnect the internal SCSI cables. If the unit locks up, has trouble detecting the CD-ROM, the tape drive or other SCSI devices, or reports errors while attempting to read the CD-ROM, then you must open the case and disconnect the internal cables from the SCSI card. Be sure to reconnect these cables after you have completed the Restore procedure.

NOTE: This procedure can be time-consuming and may take up to several hours to complete, depending on the capacity of the hard drives.

1. With the Intellex unit turned off, attach an external SCSI, IDE, or Parallel CD-ROM drive, and turn this drive on if necessary.
2. Attach a keyboard, mouse and monitor to the unit.
3. Insert the Restore CD into the CD-ROM drive and the floppy diskette #1 into the floppy drive.
4. Power on the Intellex unit.
5. When the **Startup Menu** appears, select option #1.
6. Run **FDISK**, making sure to enable large disk support.
  - a. On Drive 1, create one primary partition of 2000 MB.
  - b. Create one extended partition using all available space.
  - c. Create one logical partition using all available space.
  - d. On all other drives, first create one extended partition using all available space, and then create one logical partition using all available space.
  - e. Mark the primary partition on Drive 1 "Active."

- f. Exit **FDISK** and reboot.
7. When the **Startup Menu** appears, select option #2.
8. Insert floppy diskette #2 when prompted.
9. Perform a **FORMAT** on the C: drive.
10. Run the **RESTORE** command.
11. When finished, eject the CD-ROM and the floppy diskette and press the **Reset** button or power off; do not use the Ctrl-Alt-Del “warm boot” option!
12. Detach the CD-ROM drive and restart the Intellex unit.
13. Set the video mode to 800x600 resolution in 32-bit color, and select NTSC/PAL if needed.
14. Insert floppy diskette #1 and run NTSC.reg to set up the unit for NTSC, or run PAL.reg to set up the unit for PAL. Eject the floppy diskette when finished.
15. Double-click on **My Computer**, then right-click on D: and select **FORMAT**. Format all other drives except A: and C: in the same manner.
16. Run **DriveConfig**.
17. When finished setting up Intellex, click the **Shut Down** button to exit audit mode and power down the unit. The next time you power on the unit, it will be returned to factory original condition, ready for you to enter your COA and registration information.

**Sensormatic Video Systems Division**

6795 Flanders Drive

San Diego, California 92121-2903

TEL: 858-642-2400

800-854-2057

FAX: 858-642-2440

Customer Service: 800-507-6268

Part Number 8000-2243-00 REV A