

# Intellex Software Version 2.6 Upgrade

This document is divided into 3 sections for 3 distinct audiences. It is necessary to follow the directions in each section in order, before proceeding to the subsequent sections. The 3 parts are:

- Prerequisites: for Sales audience
- Preparation: for Customer and Field Service Technician audience
- Installation: for Installer audience

## Note

Visit the American Dynamics website to check if there are any updates or bulletins that apply to this product.

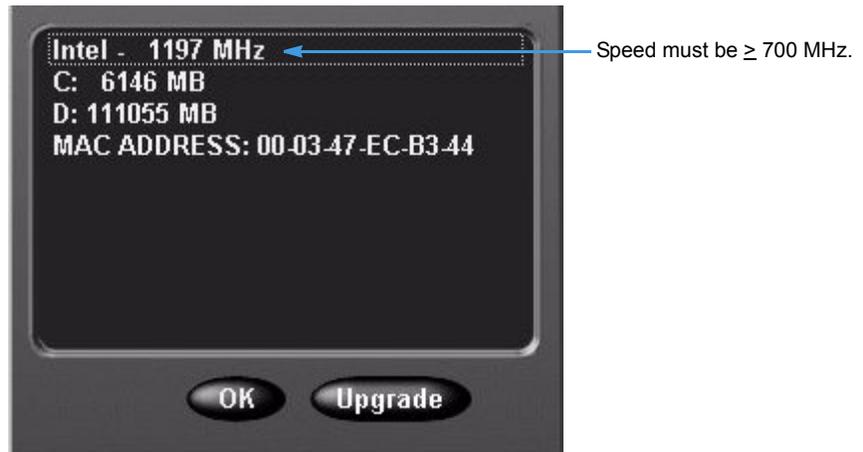
## Prerequisites

This section informs Sales of the prerequisites for upgrading an Intellex unit to 2.6 software. A 2.6 upgrade converts an Intellex running on a Windows 98 operating system to a Windows 2000 operating system.

- 1 Make sure that the original Intellex hardware is at least version 2.1.
- 2 Inspect the Intellex product code on the sticker attached to the bottom of the unit. On newer models, the product code is on the floppy/CD lid. You cannot upgrade software that begins with any of the following prefixes:
  - DV2
  - RDV2
  - MDV2
- 3 Make sure that the Intellex unit is running version 2.4 or 2.5 software. To check the unit's software version, from the main menu, select Utility > About Intellex. This screen appears.

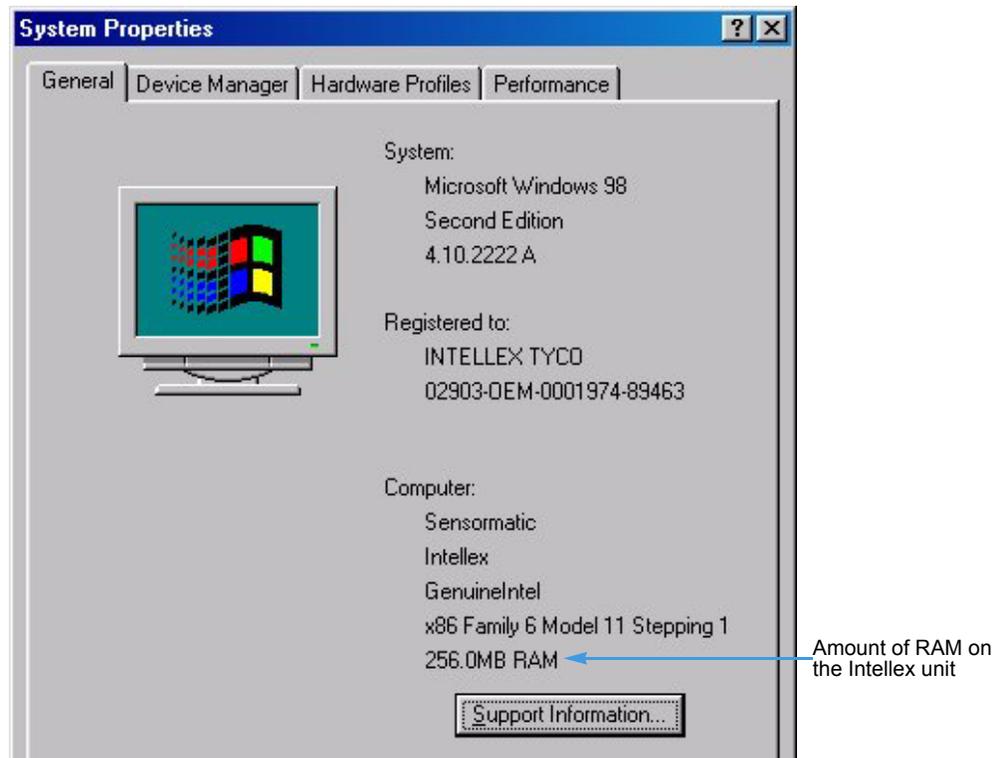


- 4 Make sure that the Intellex unit has a processor speed of at least 700 MHz. To check the unit's processor speed, from the About Intellex screen, click System. This screen appears.



- 5 Make sure that the Intellex unit has at least 256 MB of RAM to complete the upgrade. To determine the amount of RAM available:
  - a On the Intellex unit, from the main menu, click Utility.
  - b From the Utility menu, click Exit, and then Yes.
  - c Enter the exit PIN code. (Contact sales or tech support for the code.)
  - d From the Windows desktop screen, right-click the My Computer icon.

- e From the dropdown menu, select Properties. The following screen appears.



**Note**

If the above requirements are met, the unit is a candidate for the 2.6 upgrade (> 2.0,  $\geq$  700 MHz, with 256 M RAM). The customer may want to perform the upgrade, or they may request that a service technician perform the job.

- 6 If a Sony CRX-1611 CD drive is installed on the Intellex unit, and the Intellex has not been used frequently, you may need to clean the drive. Use Device Manager in Windows 98 to check whether the drive is a Sony CRX-1611.

**Note**

Contact Tech Support if you experience any problems during the upgrade process.

## Preparation

This section instructs a customer or a field service technician how to prepare for upgrading an Intellex unit to 2.6 software.

- 1 Make sure that the Intellex unit has at least 256 MB of RAM to complete the upgrade.
- 2 If the unit requires additional memory:
  - The customer can purchase a 128 MB RAM module from American Dynamics. The type is PC133, and the part number is 3130-0943-01.

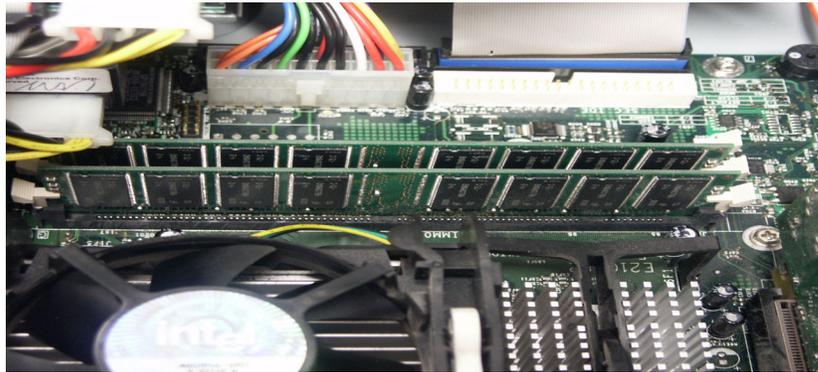
OR

The customer can purchase memory independently. For optimal performance, AD recommends using a high quality memory product. See the photograph below for guidance.

- 128 MB SDRAM
- PC133 type module
- DIMM168



- The customer should follow the installation instructions included with the memory. See the photograph below for guidance with installation.



OR

Arrange for a service technician to install the memory during the upgrade.

- 3 The software version of the Intellex must be 2.4 or higher prior to the 2.6 upgrade. If the current software version of the Intellex unit is 2.1, 2.2, or 2.3, customer must upgrade the software as follows to version 2.5.9:

- Access the free download at [www.americandynamics.net](http://www.americandynamics.net).

Go to Support > Software Downloads > Intellex > version 2.5.9 upgrade.

OR

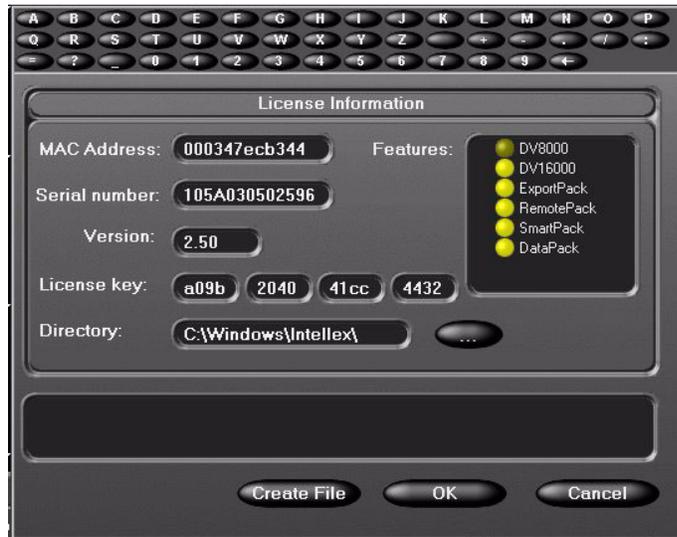
Arrange for a service technician to perform the upgrade.

This applies only to software versions 2.1, 2.2, or 2.3.

### Note

If the customer already has the 2.6 software upgrade kit, the 2.5 upgrade is included on a separate disk in the package.

- 4 Prior to the 2.6 upgrade, the existing license key information must be recorded. Access the current license key information as follows:
  - a On the Intellex unit, from the main menu, click Utility.
  - b From the Utility menu, click About Intellex.
  - c Click System, and then click Upgrade. The following screen appears.

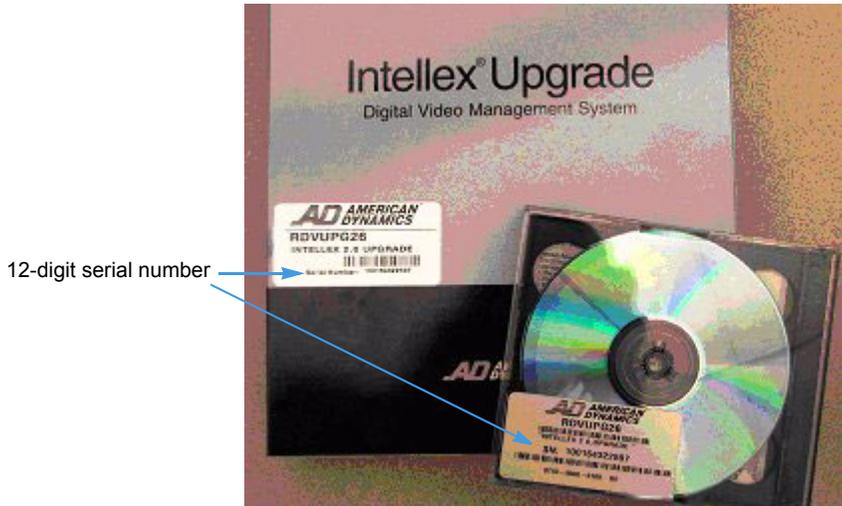


- 5 From this screen, record the following information:
  - MAC address
  - License key
- 6 From the desktop, right-click My Computer, then click Properties. Record the Intellex unit's:
  - Name
  - Domain Name
  - Amount of system RAM
- 7 From the desktop, right-click Network Neighborhood, then click Properties. Highlight TCP/IP Network Connection, and click Properties. Record the Intellex unit's network configuration information:
  - DHCP or static IP
  - Mask
  - Default gateway
  - DNS entry
- 8 Back up the configuration information to a floppy disk and save.

- 9 Access the Internet at <http://www.americandynamics.net> to register the 2.6 software. Obtain a 2.6 license key that is necessary to complete the 2.6 upgrade.

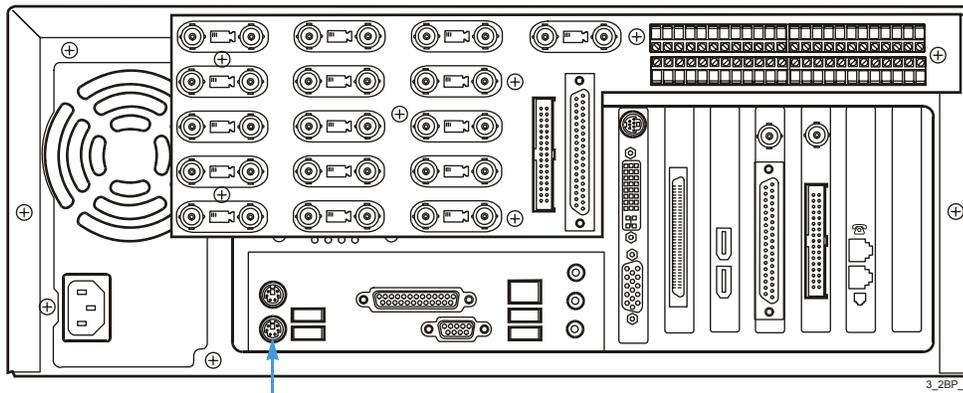
**Note**

To obtain the new license key for the 2.6 upgrade, you need the software product serial number that is on the 2.6 upgrade product case and on the 2.6 upgrade CD jewel case.



## Installation

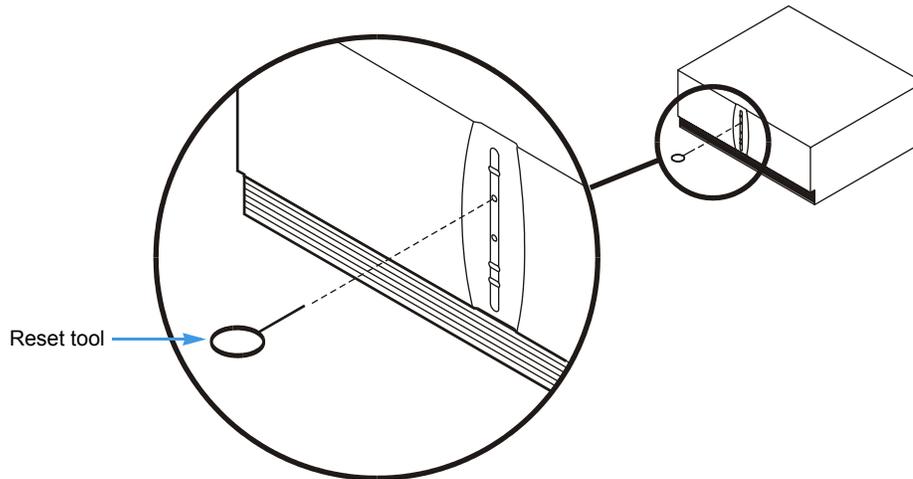
Make sure a PS-2 keyboard is connected to the back of your Intellex unit. Make sure you power down the unit before attaching a keyboard.



## Setting the BIOS

- 1 From the main menu, click Utility, then Shutdown.
- 2 At the prompt to shut down the server, click Yes.
- 3 Connect the keyboard.

- 4 Power up the Intellex using the reset tool that is included with Intellex or a standard paper clip. Insert tool in upper pinhole located below the green LED.



- 5 During power-up, press and hold F2 until Enter Password appears. Contact Tech Support for the BIOS password, enter it, and press Enter.
- 6 Select the Boot tab using the arrow keys.
- 7 Select Boot Priority, and press Enter.
- 8 Press Enter again to select 1st Boot Device, select ATAPI CD-ROM, then press Enter.
- 9 Press function key F10 to save and exit. The Intellex restarts and launches Intellex application automatically.

## 2.6 Upgrade

- 1 Exit the Intellex application to the Windows desktop.
  - a From the main menu, click Utility, then Exit.
  - b Click Yes, and enter the exit PIN code.
- 2 Insert the 2.6 upgrade disk1 into the CD drive. Allow disk to spin up.
- 3 From the Windows desktop, double-click My Computer. Double-click the compact disc icon. If setup program does not automatically start, double-click Intellex26Upgrade.exe.
- 4 When this message appears, CPU Speed Warning, click Next.
- 5 Read all messages and click appropriate responses. Click Finish to restart the system. The system reboots and it starts the ghost process from disk 1 of the 2.6 upgrade.
- 6 At the prompt, insert the 2.6 upgrade disk 2, press Enter, and it continues the ghost process from disk 2 of the 2.6 upgrade.
- 7 At the prompt, insert the 2.6 upgrade disk 3, press Enter, and it continues the ghost process from disk 3 of the 2.6 upgrade.
- 8 When the ghost process is finished, the Intellex unit reboots and then goes through a setup process that can last 10 minutes.
- 9 If the Files Needed window appears, run the following steps:
  - a Click Browse.



- 5 Close the Computer Management and Administrative Tools windows.

## Converting Drives to NTFS

- 1 Double-click My Computer, place the mouse pointer over each hard drive that you see, right-click on the drive, and select Properties in the drop-down menu.
- 2 Look at the label file system; if it shows FAT32, this drive must be converted to NTFS. If it shows NTFS, proceed to the next drive. For each drive that is FAT32, make a note of the drive letter and volume label (the name next to the drive letter). You may want to rename each drive with a new volume label. You can do this while viewing the Properties of each drive; just type a new name in the box Label.
- 3 Click Start, then Run, and type cmd in the Open box, then click OK.
- 4 At the C:\> prompt, type the command **convert [drive letter]: /fs:ntfs** for each drive with the FAT 32 file system, as you noted in step 2.
- 5 If the system prompts you for the volume label of the drive you are converting, type it in. The conversion process lasts a few minutes (the larger the drive, the more time conversion takes). Conversion Complete appears when the process is done.
- 6 Type Exit to close the Command window.

### Note

You must convert any ESM drives to NTFS.

## Restoring the BIOS Boot Priority

- 1 Click Start, Shutdown, then select Restart, and click OK.
- 2 As the Intellex restarts, press and hold F2 until Enter Password appears. Contact Tech Support for the BIOS password, enter it, and press Enter.
- 3 Using the arrow keys, select Boot.
- 4 Using the arrow key, move down and select Boot Device Priority, then press Enter.
- 5 Press Enter again to select 1st Boot Device, then select Removable Dev. In the menu, press Enter.
- 6 Verify that the 2nd Boot Device is hard disk, and configure the 3rd Boot Device to ATAPI CD-ROM.
- 7 Press Esc, and using the arrows, select Exit at the top of the screen.
- 8 Press Enter and select Yes in response to Save configuration changes and exit now. The Intellex unit reboots.
- 9 **IMPORTANT:** After running the 2.6 upgrade, you must navigate to  
C:\Drivers\Quantum SDLT\Quantum Firmware Utility\SDLTUpdateSetup.exe.  
Execute and follow the Next prompts, then click Yes to restart.

## Intellex 2.6 License

- 1 From the desktop, run Intellex Configuration and restore the factory defaults by clicking Restore Settings.
- 2 The Windows update process does not affect physical drives other than the primary drive. Run DriveConfig only if you want to clear the data on additional drives.

- 3 Launch Intellex and the license screen appears. The Intellex application launches. At the prompt, click Yes if you want to run the License Editor.
- 4 On the License Information screen, enter the following in the text box:
  - The version number of the application software (3.2); enter 3.2 even for 2.6 software
  - The license key you obtained when you registered the software upgrade
  - The serial number (required)
- 5 Click the appropriate features buttons:
  - LT (not Intellex)
  - 4-, 8-, or 16-cameras depending on number of inputs available
  - Premier or Deluxe
- 6 Click Create File, then OK. The message box displays a success message if all entries are correct. Click OK to start the Intellex unit.

**Note**

If one or more entries are incorrect, a failure message appears. Repeat steps 4 through 6. Enter the information exactly as it appears. If you are unable to register your Intellex software successfully, contact your dealer for assistance.

- 7 Click Setup on the Intellex main screen, and configure the Intellex camera names, schedules, etc.

## Attaching the Windows Certificate of Authenticity

Your license agreement with Microsoft requires that the Certificate of Authenticity (COA) label is attached to the Intellex chassis. The COA should be affixed to the right side of the outside cover, or on the right side of the internal chassis with the cover removed. Refer to the Microsoft EULA below.

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