

Technical Bulletin

Date: 7/11/2017

Serial Number Effective: P0712001

Product Line: DaVinci Pro

Model Affected: All

Subject: DaVinci Pro Phase 2.5 Improvements

Change Description:

DaVinci Pro is already an awesome product and now we're making it even better! These are a series of enhancements and feature additions to make the PRO more robust and versatile for all our users. This update can be deployed on all existing DaVinci Pro units.

Improvement #1: New Feature "Focus Lock"- This feature allows the user to Enable and Disable our Auto Focus Algorithm at will. With Focus Lock on the user can identify a target at a certain viewing distance and then lock the focus at that target.

Improvement #2: New Feature "Import"- We have added a new option to import files from an attached USB drive via the Library Sub Menu. This supports .JPG, .RTF, .TXT, .PDF and .DOC file types allowing you to copy pictures or OCR with your own files from your computer.

Improvement #3: More TTS Voice Speeds- We have added more levels with faster speeds for OCR read back.

Improvement #4: OCR Magnifications Levels are larger- We have remapped the existing zoom levels to make the text appear bigger in Full Page Text and Single Line Text Modes.

Improvement #5: Single Line Text Mode Central Highlight- The single line mode now centers the word highlight in the middle of the screen (Instead of moving left to right) and then simply shifts the text to avoid eye strain.

Improvement #6: Dynamic Volume Control- The DaVinci now automatically lowers the volume when not in active use.

Improvement #7: Asian Languages- We have made substantial improvements to the OCR recognition and available voices for Group 2.

Sincerely,

Ted O'Connor

Software Quality Assurance

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enhanced
vision®

DaVinci Pro Software & Camera Firmware Application Update Instructions for Version 01.01.206

Note: This update requires you to utilize a USB flash drive, internet capable computer and your DaVinci control console.

Step 1: Visit <https://www.enhancedvision.com/low-vision-product-line/davinci-pro.html>

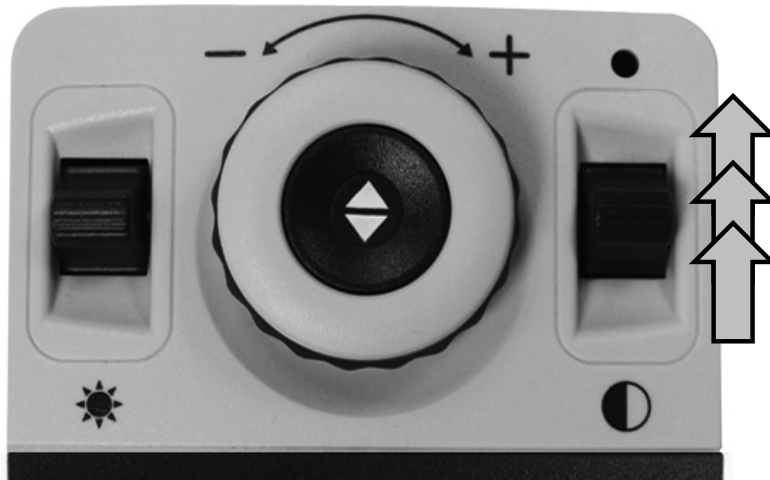
The version 01.01.206 Update requires you to download three files:

- *Application Update- DaVinci Pro-Application-01.01.206.zip*
- *Camera Firmware Update- DaVinci Pro-Camera Firmware-01.01.206.zip*
- *Front Panel Firmware Update- DaVinci Pro-Front Panel-01.01.206.zip*

Step 2: Connect your USB Flash drive to your computer and download and extract the zip file contents of the three files to the USB Flash Drive: “Installer”, “Front Panel” & “Camera Board”. Safely remove the USB Drive from your computer and then connect it to one of the open ports on your DaVinci Pro along with the DaVinci pro Control Console.



Step 3: Ensure that your DaVinci Pro is powered OFF and then power device ON. When you see the “Initializing” screen display on your device you should begin pumping the “Mode Up” button on your control console.



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Step 4: When you hear a system “Chime” sound switch from a pumping motion to a continuous hold of the “Mode Up” button. (Essentially press it forward until device powers on fully)

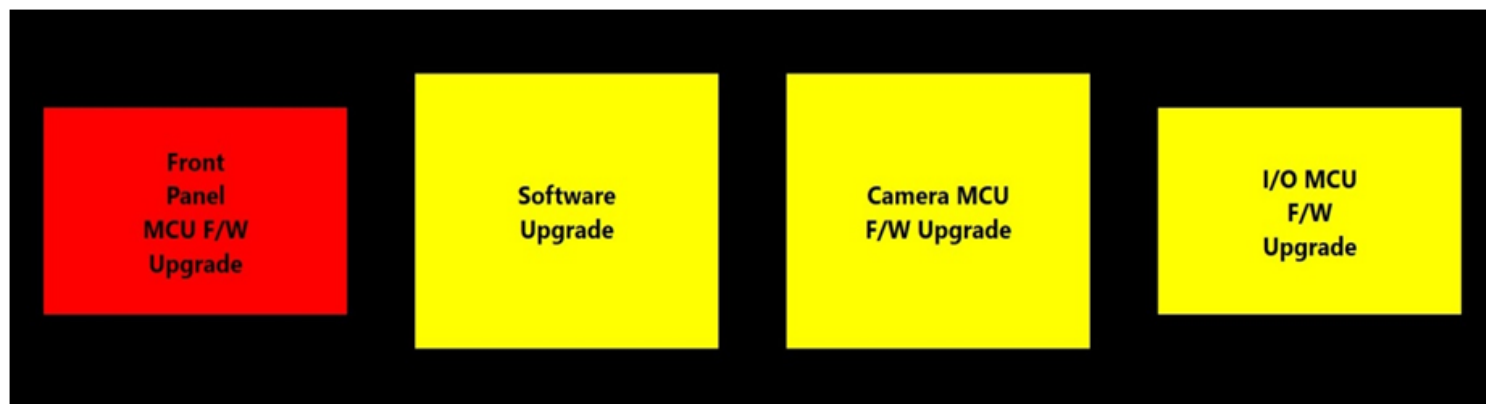


Step 5: If you were successful you should see the following screen shown below where you choose which update to perform (Application Update Screen). If you do not see this screen please power down the DaVinci Pro and try again.

To Navigate through the menu

Rotate Zoom Wheel Left or Right to navigate forward and back

Press (Find/Enter) Key to initiate the upgrade process for the current selection marked in Red.

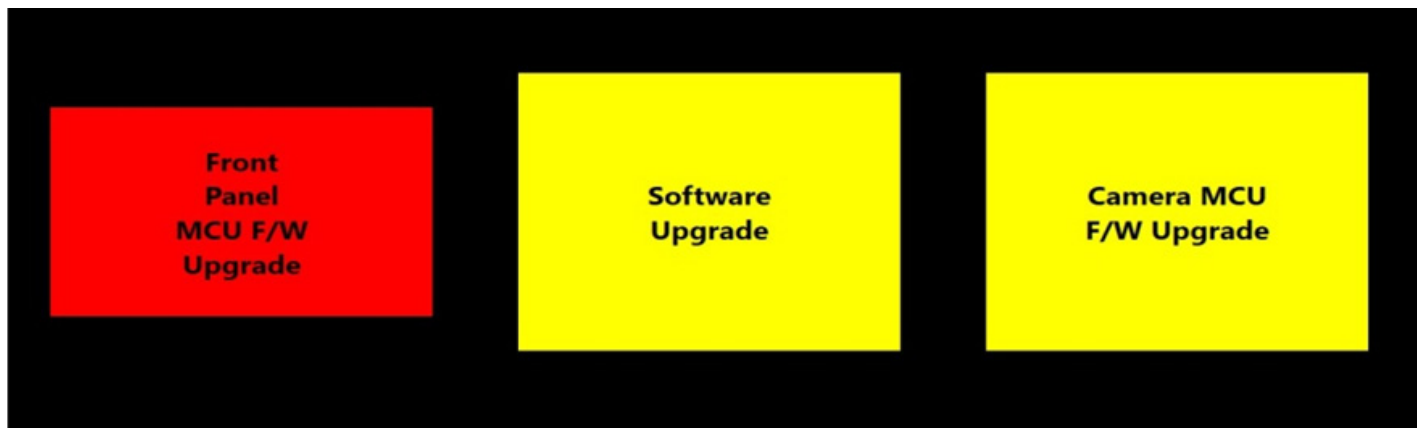


Step 6: For the 01.01.206 Update we need to perform three updates which will require you to perform the update three times (Repeat Steps 3-5 for Camera

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Firmware, Front Panel and Software Application Upgrades). You should update Software first and then Front Panel and Camera FW last. A restart of the system occurs immediately after each component is upgraded.

1. Software Upgrade
2. Front Panel
3. Camera MCU



You will need to repeat steps 3-5 to ensure that you have updated Camera MCU, Front Panel and Software.

Step 7: An animated gear should display with a success message when complete. If for any reason you have an issue with this update please contact your technical support representative.

