Envizio Pro™ Software Update Details

Version: 2.3
Release Date: 07/08/10

Job files from versions prior to 2.0.0 should be downloaded to USB storage devices, for they will not be compatible with this new version.

Download and Installation Instructions

Prior to installing the update, write down all configuration settings. This is a precautionary step in case they are needed later.

This version may contain a new image update for your Envizio Pro. This will take longer than a typical software update and could take up to 15 minutes to complete. DO NOT remove power or the USB drive from the Envizio Pro at any time during the update process. Removing power or the USB drive during the update may result in an Envizio Pro hardware failure, and would require repair at Raven Industries.

Since the USB drive may bounce around while the vehicle is in motion, it is recommended to remain stationary while the update is in progress. This will help ensure that the update process is not interrupted.

After installing the update, please re-calibrate the touchscreen during the next power-up procedure.

This function allows you to update the software for the Envizio Pro system. This may be done whenever there is a new software version available. You must have the software update stored on a USB storage device prior to beginning the update. To do this, copy or download the update to the root directory of the USB storage device. NOTE: The file is in a zip format and needs to be uncompressed before loading it onto the USB drive.

For questions about storing the new software on your USB storage device, contact your Raven distributor or Raven Technical Service Representative.

Connect the USB storage device to the Envizio Pro USB port, located on the right-hand side of your Envizio Pro console.

From the home screen, touch the configuration button.

From the Configuration 'Show All' or 'Computer Configuration' screen, touch the 'updates' button.

In the updates screen, press the circle next to Envizio Pro by Raven.Note: Envizio Pro No CAN Demo is for demonstration purposes. It will allow the Envizio Pro to run as if GPS and product control are connected without an actual connection. Not recommended for field use.

Helpful Hint: If you see 'No USB drive Attached', your USB storage device is not being detected, or no update is available. Try pulling out the device and then re-inserting it. After you see that the device has been found, continue with step 4 above. You can view the current Envizio Pro software version on the Home screen.

The update will automatically install. You will be prompted to re-start your Envizio Pro system. Power off the system via the power switch, then power-on again. Your update is now installed.

NOTE: Please note that if CAN nodes are not found after updating software and start up of the system, please perform a "Retry CAN" command. Instructions for this task are: from the Control Interface screen press the CAN Node with an "i" icon, then press the CAN node with the double arrows (Retry communication) icon. If necessary the Raven Service department will assist with updating the CAN firmware version on the Envizio Pro.

Release Notes

If the software version of Envizio Pro is previous to 2.3, it must be updated to 2.3 before a CE key can be entered for a 3.0 or later update. You will be required to provide Raven Service Department with the Machine ID and Validation code after updating to 2.3 To obtain the Machine ID and Validation code please perform the following steps on your Envizio Pro from the homepage:

1. **Tools**
2. **Updates**
3. **Special Features Registration**
4. **The bottom of the screen displays the needed information.**

Once the CE6 key is provided by Raven Service please fill out the "Activation Key Request" on the Ravenhelp.com homepage to receive the code that is required to be entered into the Special Features Registration on the Envizio Pro. Once the CE6 key is entered please reboot and update to the latest Envizio Pro (II) software.

Added Turf Units interface with product control nodes.

Added the ability to control up to 3 or 4 products (requires authorization key).

Added the ability to do mulitiple product variable rating - products 2-4 (requires multi-product VRA key, as well as the single product VRA key).

Interface to new Product Controller node and control enhancements:

Dual loop control (if control node capable)

PWM auto calibration (if control node capable)

Abitlity to set product nodes back to factory default settings

Support screens for additional CAN node information

Interface with the CAN switchbox

Slingshot USB drive support.

Enhanced Slingshot wireless communication and display.

Planter enhancements:

Multi-row support

Metric unit support

Additional language support

Trailed implement

Turn compensation

Liquid shut-off

Added ability to display Pump RPMs in place of Pressure #2.

Screen-flip button on the main run screen.