



## Which firmware version do I have?

The **"System"** screen in the setup menu shows the control module's firmware (software) version and release date. The product's web page on our website [www.vxmt.com](http://www.vxmt.com), will show the latest versions available in the Downloads section.

To view the control module's current firmware version follow these steps:

1. Press the **"Setup"**  key to bring up the sub-menu.
2. Press the **"System"**  key to enter the sub-menu.

The firmware revision is displayed on the right side of the label, labeled "Version."



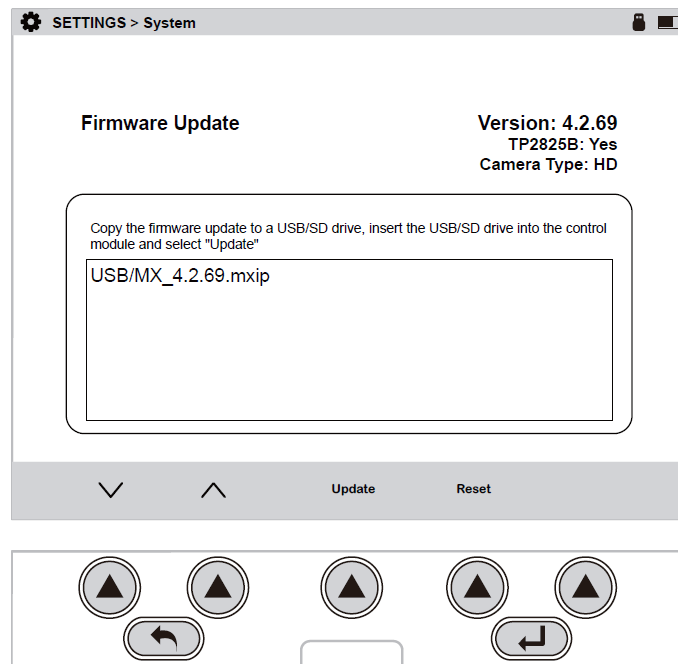
**Make a note of the control module's current software version before running the update. You can compare the before and after versions when the update is completed.**



**In July 2023, Vivax-Metrotech transitioned from SD (standard definition) to HD (high definition) interchangeable camera heads for the vCamMX-2+ and vCamDrain inspection systems.**

The label below on the Firmware Update screen shows compatibility information on the camera heads.

- The firmware version must be 3.7.59 or greater to read HD camera heads.
- The space to the right of the TP2825B field must read YES to work with the HD camera heads. A Video Processor upgrade must be performed on the vCamMX-2+ control module if it reads NO. Contact the factory or authorized repair center for more information.
- The Camera Type field will tell if the connected camera head is SD or HD.



## Update the Control Module Firmware

The firmware can be updated by the vCam Mobile Controller app or by downloading the update file to a USB thumb drive and manually installing it.

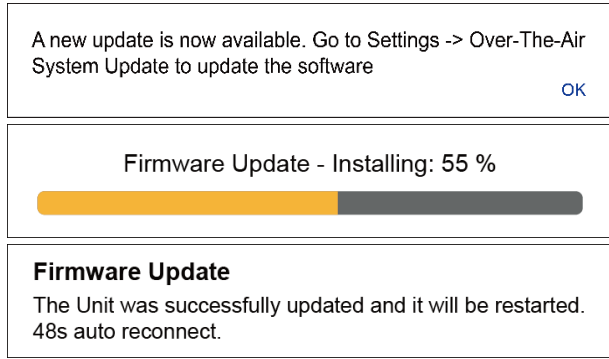
## Over-The-Air Updates (via vCam Mobile Controller App)



All vCamMX-2+ control modules running firmware version 4.4.76 or later can use the vCam Mobile Controller app to update their firmware.

1. Turn on the vCamMX-2+ control module. Activate the Wi-Fi by going to **Setup**, then **Wi-Fi**.
2. Launch the vCam Mobile Controller app and connect to the vCamMX-2+. The Wi-Fi icon will appear on the screen.




- If a new update is available, a pop-up dialog box will appear advising you so. Select **OK**.
- Tap on the **Settings** icon to enter the Settings sub-menu.
- Tap on **Over-The-Air System Update** then tap on **Update Now**.
- Tap on **OK** to start the update.
- A progress bar will appear during the update. When the update is complete the unit will reboot and return to the connection screen. The pop-up message will show a countdown to the reconnect screen.
- After the unit has rebooted you are ready to reconnect and use the control module.



## Manual Update by USB Thumb Drive

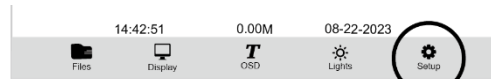
The vCamMX-2+ series firmware updates come as a ".mxip" extension file. The firmware files can be obtained from our website, an authorized service center, or a local Vivax-Metrotech office. Your local distributor can also perform an update at no charge. **Only USB devices** can be used to perform the update.

The firmware update file must be installed on the USB device's "root directory." Specifically, the files must be visible when viewing the contents of the USB device.

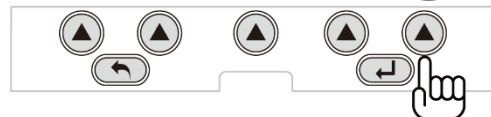
-  **Please do not interrupt the update once it has started. Update the firmware on the control module while it is running under AC power.**
-  **Make a note of the control module's current software version before running the update. You can compare the before and after versions when the update is completed.**
-  **Check our YouTube Channel for an instructional video on manual firmware updates.**

After the software has been downloaded and copied to a USB thumb drive follow the instructions below.

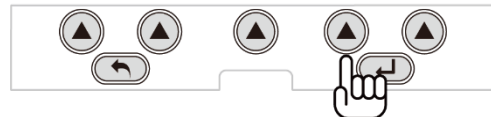
- Plug the USB device loaded with the software into the control module.





- Press the **"Setup"** key to enter the Setup sub-menu.

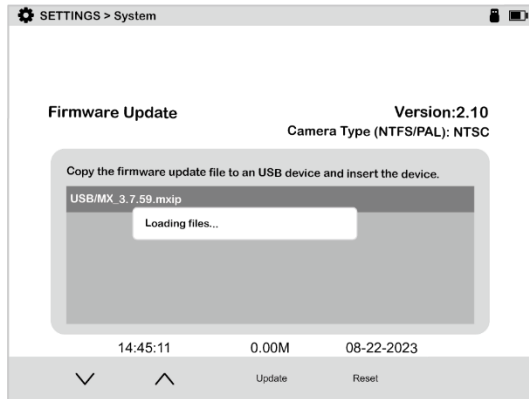


- Press the **"System"** key to enter the System sub-menu.

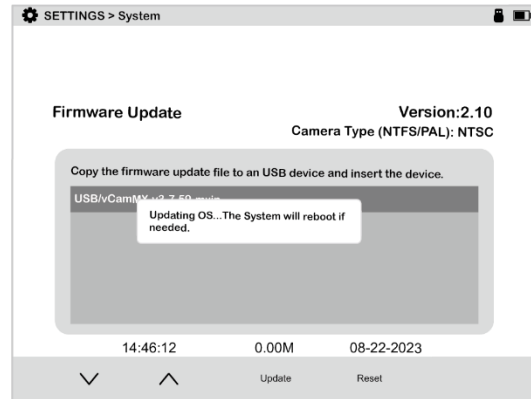


- Use the **"Up/Down"** scroll keys to   highlight the firmware update file. Note the current firmware version in the control module. It is shown to the right of the word "Version."





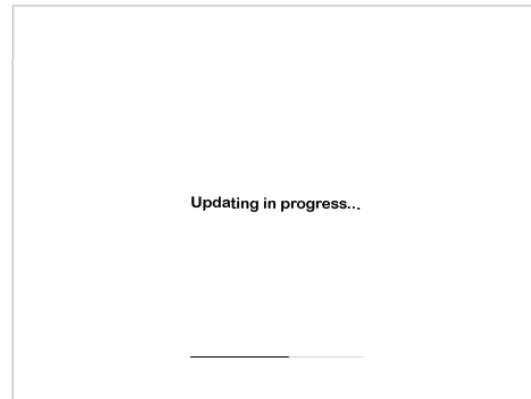
7a



7b

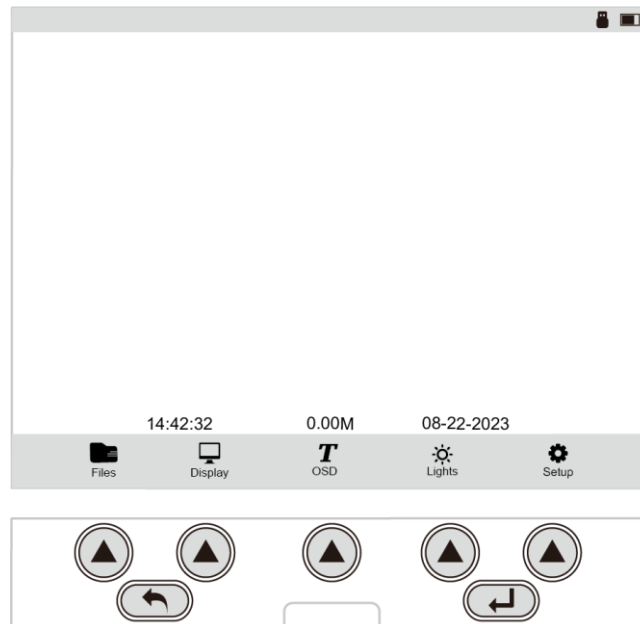


7c



7d

7. During the update, the control module will reboot twice. Monitor the progress indicators and allow the system to run until it returns to the main viewing screen. (7e)



7e

8. Confirm that the firmware update was successful by comparing the version after the update to the version number before. See step