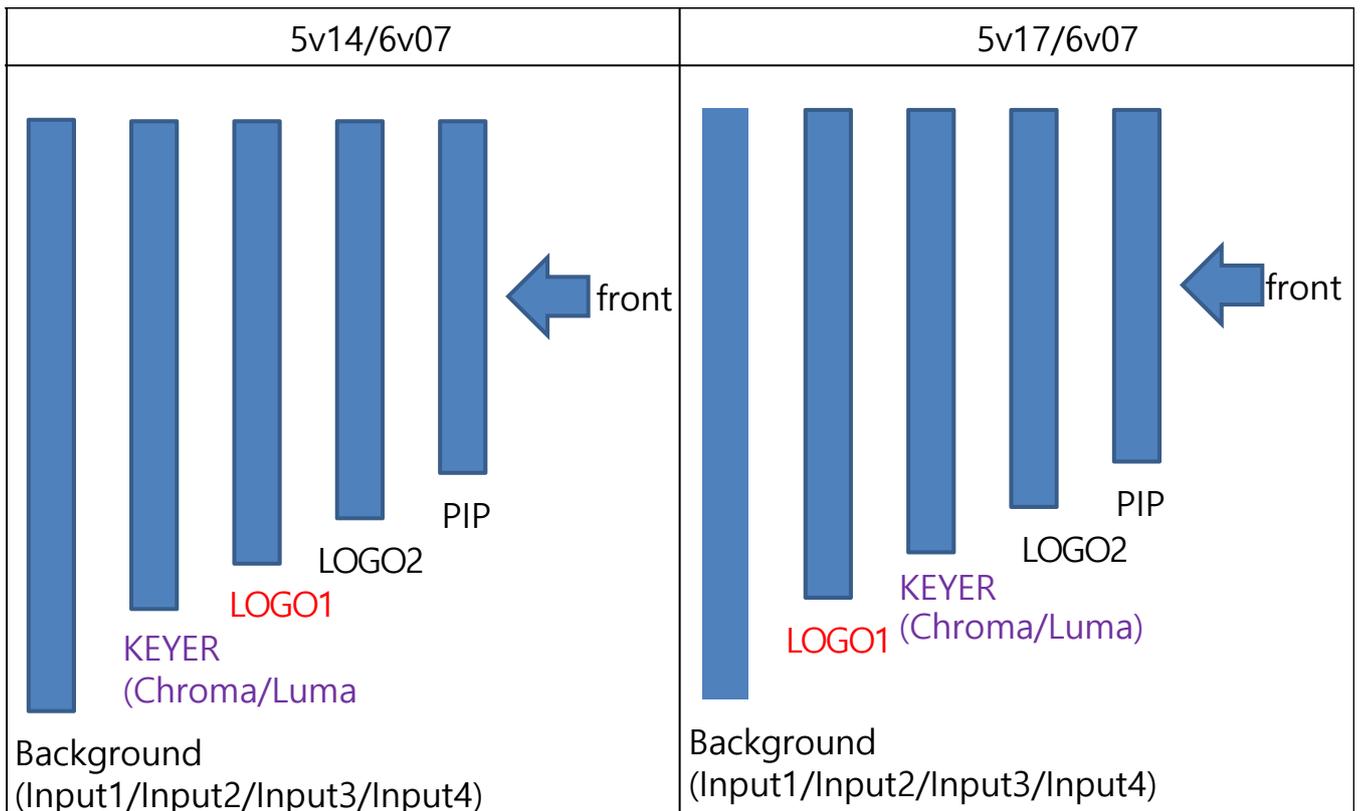


## Update news of VS4

Logo 1: Support still image maximum size 1920 x 1080 px, and do not support Alpha channel  
Logo 2: Support still image maximum size 512 x 512 px and support Alpha channel  
PIP and Luma/Chroma appears and disappears smoothly (No time interval adjustment)

### <Changing of the priority order>



You are able to use both 5v14/6v07 or 5v17/6v07 version depend on preference.

## <VS4 Instructions: Preparation for VS4 applications>

# VS4 Instructions: Preparation for VS4 applications

### A. Micro USB cable

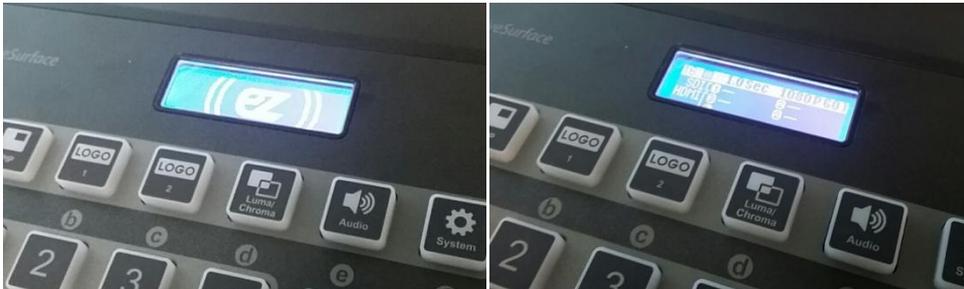
You need a "micro USB" cable to connect the VS4 with your computer.

This cable is often used to charge Samsung brand smart phones.



### B. Connecting VS4

To connect your VS4 with your computer, turn on the VS4 and wait until "(( ez ))" logo turns into main LED screen.



Connect the VS4 with your computer through the micro USB cable.

Use the port in VS4 labeled "USB 2.0". The other end, please connect to your computer's USB port.



### C. VS4 firmware version

To check your VS4's firmware, push the "menu" button during VS4 operation.

VS4 will turn into "Menu" mode and show you the version of the firmware in your device's LED screen.

\*No computer connection needed for this operation.



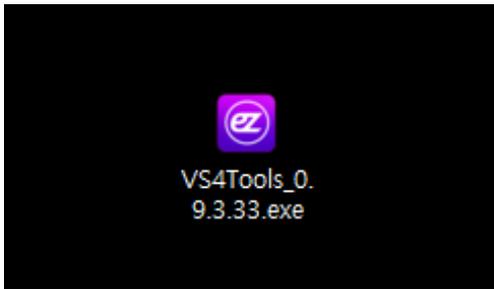
## <VS4 Instructions: Updating firmware>

### VS4 Instructions: Updating firmware

We regularly find bugs and solutions to them in order to perfection our product's operation and your satisfaction. Updating firmware can improve product's performance, so we recommend regular updates (if any) done by our customers. Please check our website [www.lumantek.com](http://www.lumantek.com) for updates on the most recent software/application/firmware. If your software version is not the most recent, please download and install the new version.

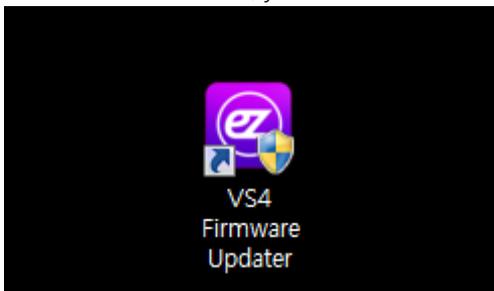
#### A. VS4 Tool download and installation

VS4 uses a tool software to update its firmware and other applications. "Go to [www.lumantek.com](http://www.lumantek.com) >> Support >> Download", on the search options for "model" choose "ez-Pro VS4 VS4 Console Switcher". Find the most recent version of Application VS4 Tool, download and install in your computer.



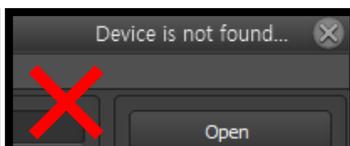
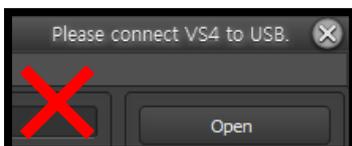
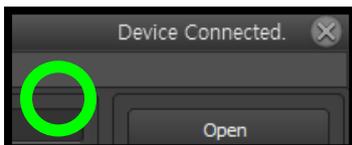
#### B. Updating firmware

After VS4 Tool installation, you will be able to see "VS4 Firmware Updater" on your desktop screen.

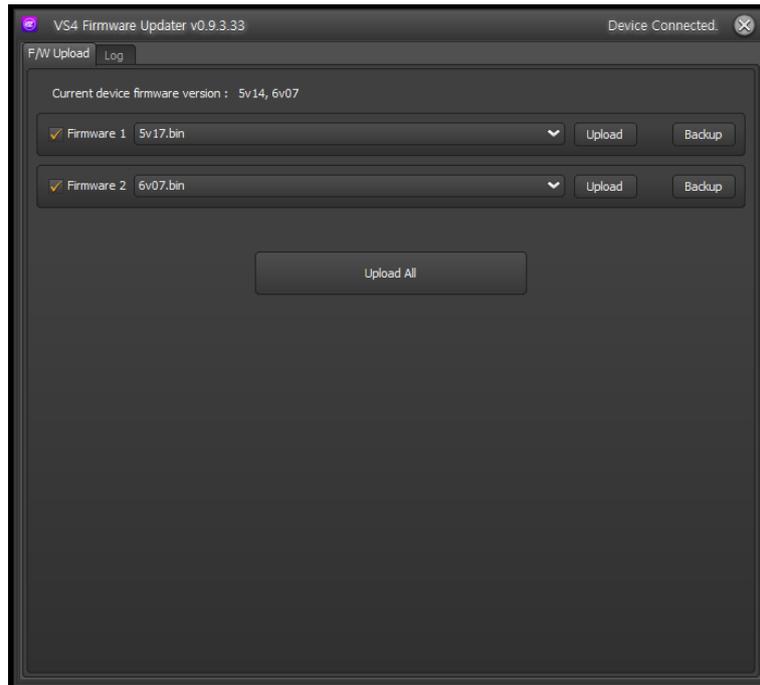


Please connect the VS4 and your computer as instructed in **section B "Connecting VS4" from the topic "Preparation for VS4 Applications"**.

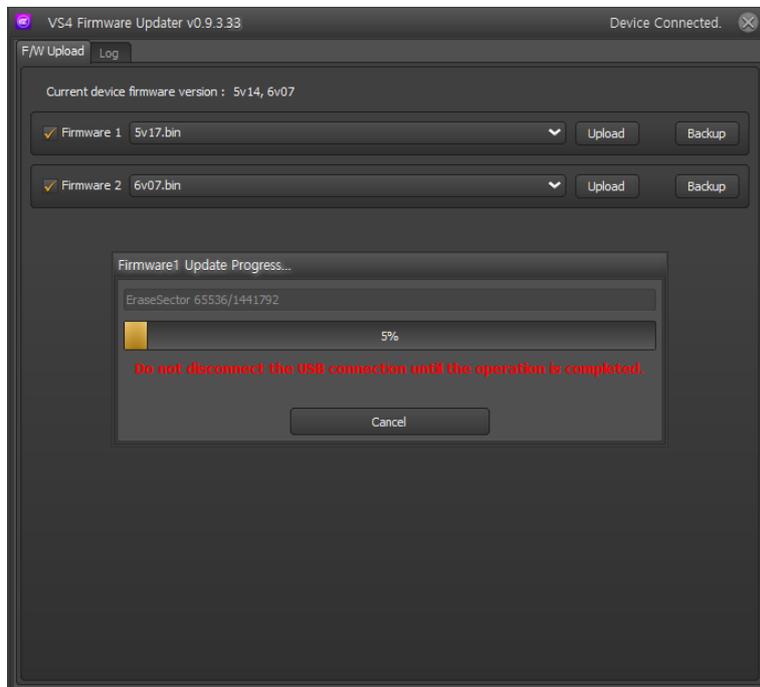
Once cable connection is made, please execute the "VS4 Firmware Updater". Your device should be connected. You can check the connection on the upper-right corner of the program. If the device is not connected, it should show "Device is not found..." or "Please connect VS4 to USB". In such case, please turn off the application and the VS4, and disconnect the USB cable. Try to repeat steps in **section B "Connecting VS4" of "Preparation for VS4 Applications"**.



## <VS4 Instructions: Updating firmware>



When connection is confirmed, please compare **“Current device firmware version”** with those on the **“Firmware 1”** and **“Firmware 2”** selection boxes. If the match, you do not require any updates. If you do not, please proceed with both firmware updates by clicking **“Upload”**. This can take a moment to complete.



By the end of the update, you will see a short message **“Upload succeeded”**, and your update is now complete.

## <VS4 Instructions: Updating Logo>

### VS4 Instructions: Updating Logo

VS4 can save up to 2 still image logos which do not erase even after powering off the device. Upload and editing should be done through computer connection and an application.

#### A. Preparation of your Logo

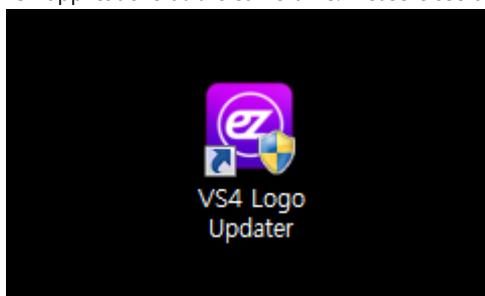
Please have your logo as an image file with following formats: png, tga, gif, jpeg, bmp, dds or bin.

Maximum size for **logo 1** is 1920 x 1080 px. (Do not support Alpha Channel)

Maximum size for **logo 2** is 512 x 512 px. (Support Alpha Channel)

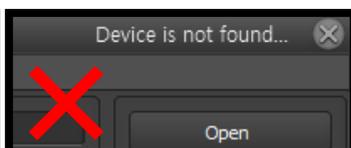
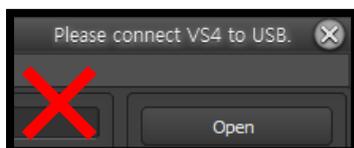
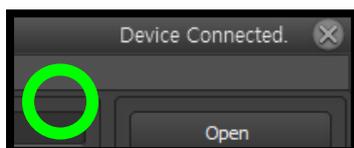
#### B. Uploading your Logo

Execute the "VS4 Logo Updater". If you do not have this application, please follow the steps in **section A "VS4 Tool download and installation"** from the topic "Updating firmware". \*Be advised. You should not operate more than one VS4 applications at the same time. Please close any other VS4 applications prior execution.



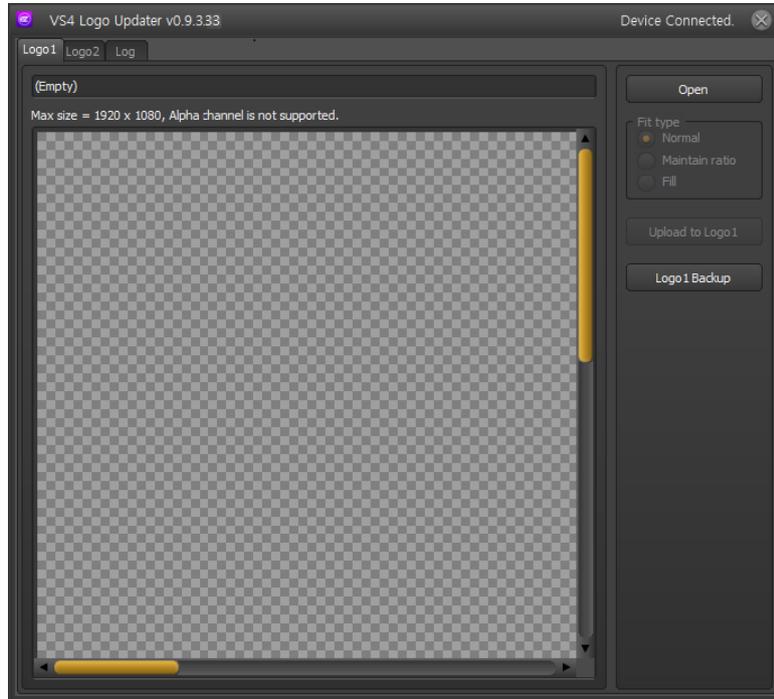
Please connect the VS4 and your computer as instructed in **section B "Connecting VS4"** from the topic "Preparation for VS4 Applications".

Once cable connection is made, please execute the "VS4 Firmware Updater". Your device should be connected. You can check the connection on the upper-right corner of the program. If the device is not connected, it should show "Device is not found..." or "Please connect VS4 to USB". In such case, please turn off the application and the VS4, and disconnect the USB cable. Try to repeat steps in **section B "Connecting VS4"** of "Preparation for VS4 Applications".

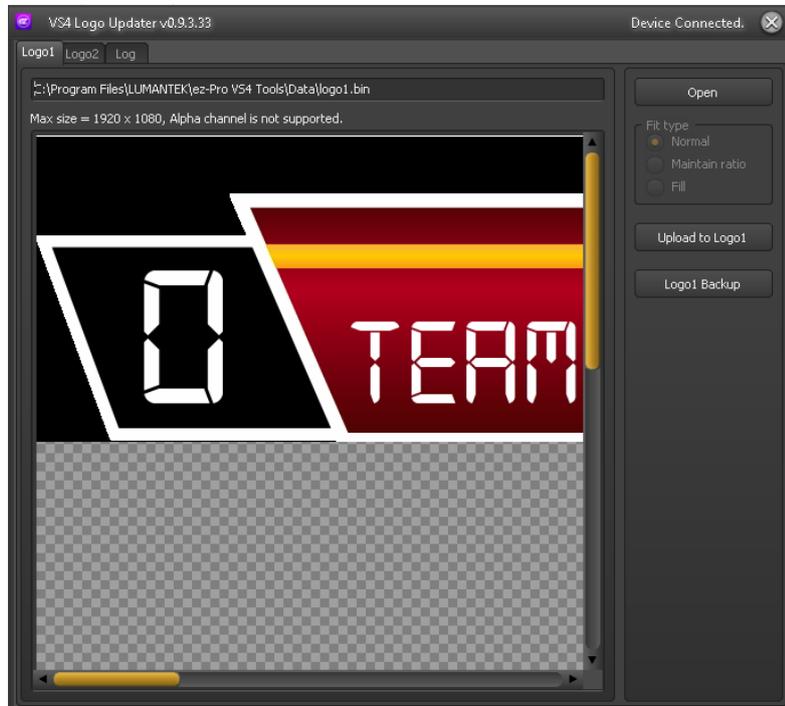


## <VS4 Instructions: Updating Logo\_Logo1>

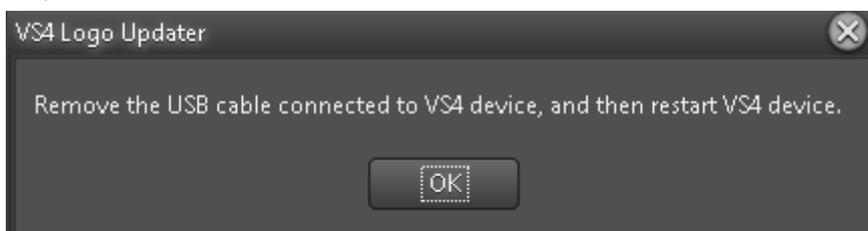
Maximum size for **logo 1 is 1920 x 1080 px(Full size)**, so please design your logo accordingly. 3 fit types are available. **"Normal"** fit will place the raw image without any editing. **"Maintain ratio"** fit balances the *width : length* ratio of the image. **"Fill"** fit ratio will fill the entire 1920 x 1080 px with your image



Insert a logo by clicking **"Open"**. Search your image file and insert into the Logo screen. You can also drag the image into the Logo screen.

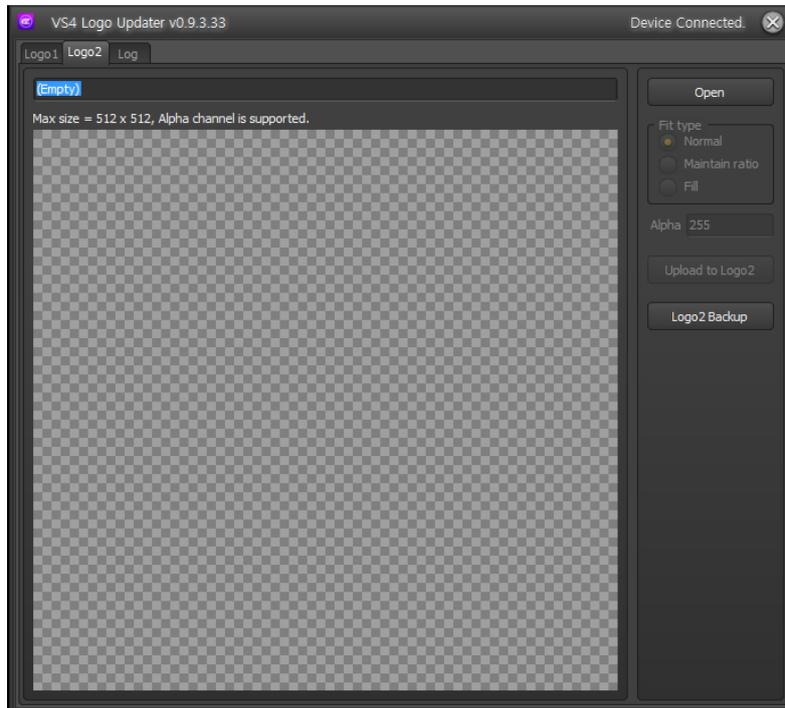


By the end of the update, you will see a message **"Remove the USB cable connected to VS4 device, and then restart VS4 device"**, and your update is now complete.

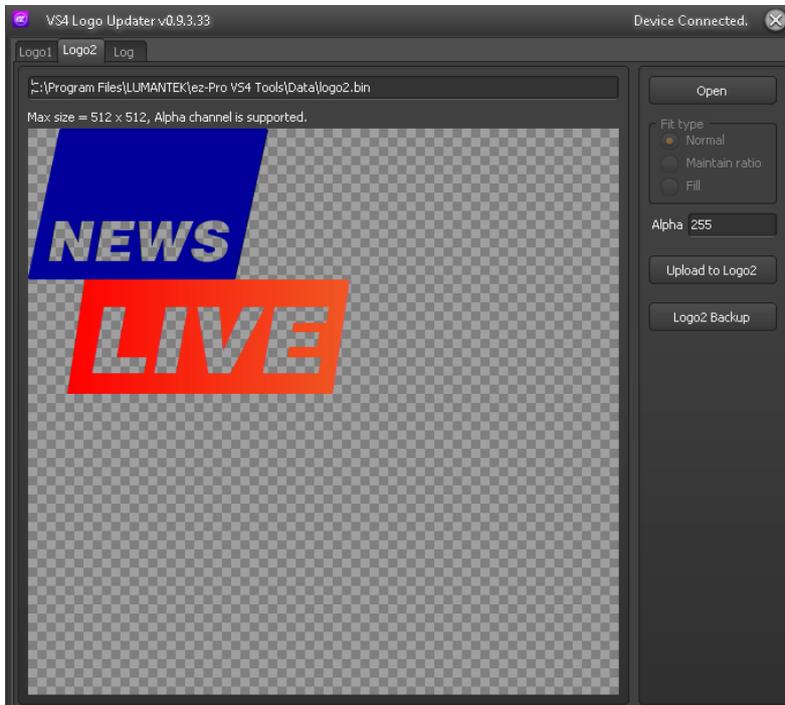


## <VS4 Instructions: Updating Logo\_Logo2>

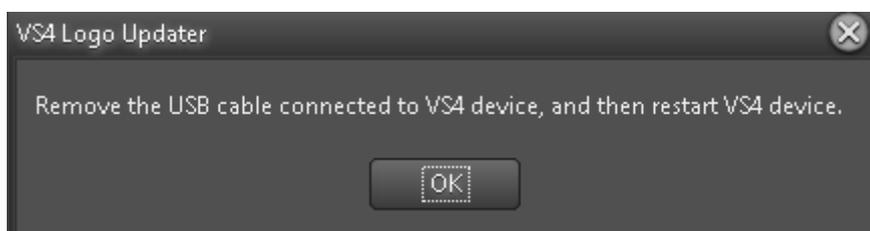
Maximum size for **logo 2 is 512 x 512 px**, so please design your logo accordingly. 3 fit types are available. **“Normal”** fit will place the raw image without any editing. **“Maintain ratio”** fit balances the *width : length* ratio of the image. **“Fill”** fit ratio will fill the entire 512 x 512 px with your image



Insert a logo by clicking **“Open”**. Search your image file and insert into the Logo screen. You can also drag the image into the Logo screen.

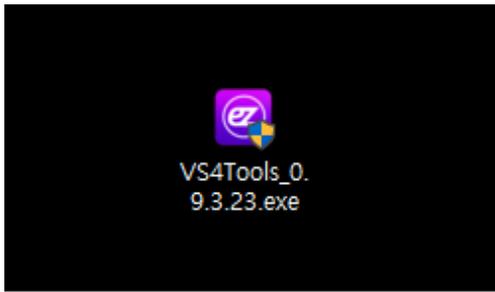


By the end of the update, you will see a message **“Remove the USB cable connected to VS4 device, and then restart VS4 device”**, and your update is now complete.

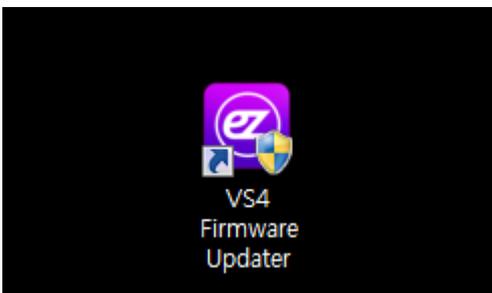


## <VS4 Instructions: Downgrading firmware>

Please run old version of the VS4 Tools 0.9.3.23.exe

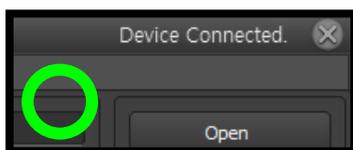


After VS4 Tool installation, you will be able to see new "VS4 Firmware Updater" on your desktop screen.

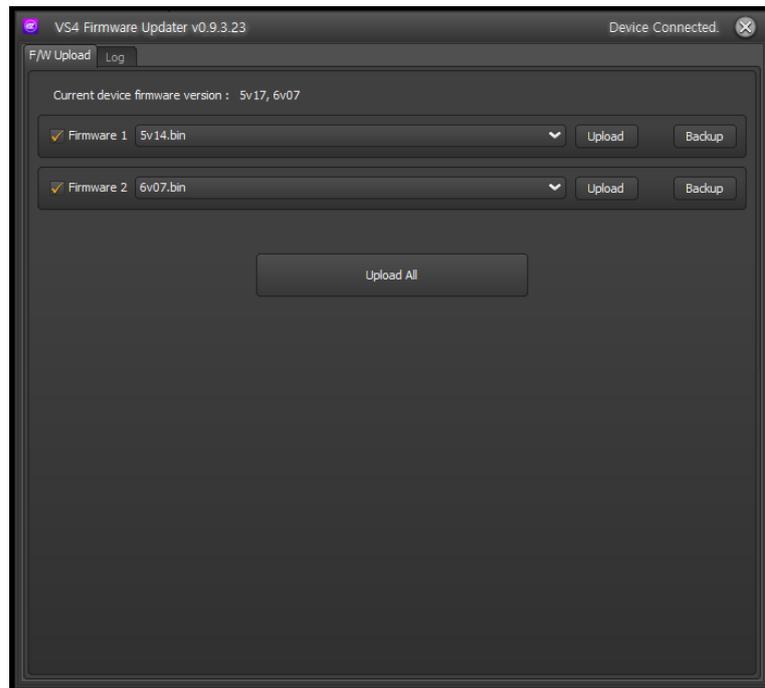


Please connect the VS4 and your computer as instructed in **section B "Connecting VS4"** from the topic "Preparation for VS4 Applications".

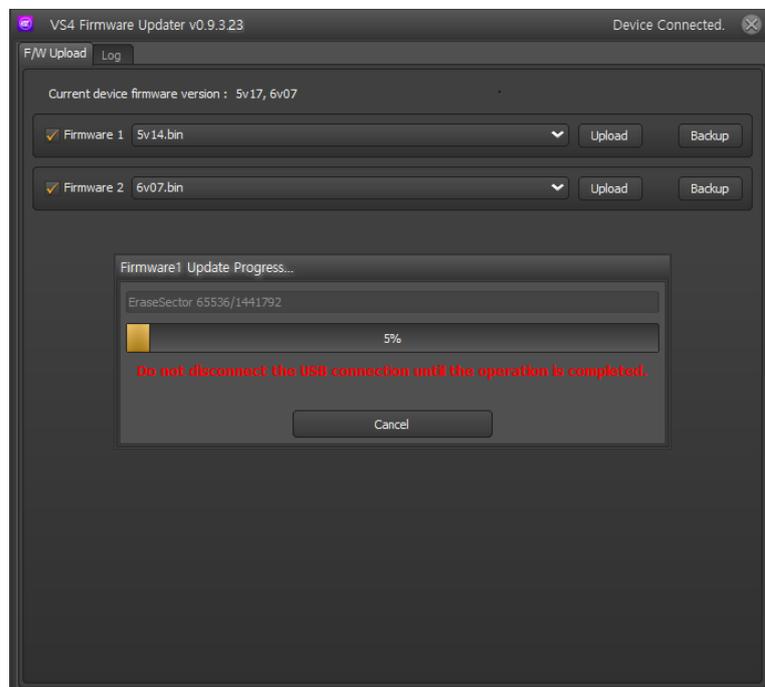
Once cable connection is made, please execute the "VS4 Firmware Updater". Your device should be connected. You can check the connection on the upper-right corner of the program. If the device is not connected, it should show "Device is not found..." or "Please connect VS4 to USB". In such case, please turn off the application and the VS4, and disconnect the USB cable. Try to repeat steps in **section B "Connecting VS4"** of "Preparation for VS4 Applications".



## <VS4 Instructions: Downgrading firmware>



When connection is confirmed, please compare “**Current device firmware version**” with those on the “**Firmware 1**” and “**Firmware 2**” selection boxes. If you want to use **previous version of LOGO**, you need to downgrade your firmware.



By the end of the update, you will see a short message “**Upload succeeded**”, and your update is now complete.