

Firmware change log of u-view ECO line

Parts overview:

<u>ECO line:</u>			
2555660000	UV66-ECO-4-RES-W	Online catalog	Supportcenter
2555780000	UV66-ECO-7-RES-W	Online catalog	Supportcenter
2555790000	UV66-ECO-10-RES-W	Online catalog	Supportcenter

Version 1.6

Release date: November, 2022

Updating information:

This release only changed the OS of the device, but the browser update can also be done with this version.

The updates tool requires a PC with Windows 10. Older operating Systems are not supported.

The Weidmüller splash screen and the boot menu “Booting” appears during the process. However, we have not explicitly mentioned this in the procedure.

The firmware update performs the reset to the factory settings including a password reset, a recalibration of the touch screen and a reset to the default status of all configurable parameters, including network configurations.

Warning:

Please follow the instructions in this document and do not restart the device during the procedure (unless explicitly said), restarting the device will corrupt the image and will make the device unusable. Once started the update is running mostly automated.

New features:

- Several changes to the configuration GUI
- OS update process improved: A recovery image is always loaded when communication is interrupted while downloading the update

Bug fixes:

- Touch calibration
- Unresponsive on-screen-keyboard

Known issues:

- Automatic reboot after and in between sequences of the OS-Update and initial touch calibration sometimes does not happen.

Security notes:

To protect equipment, systems, machines and networks against cyber threats, it is necessary to implement (and maintain) a complete state-of-the-art industrial security concept. The customer is responsible for preventing unauthorized access to his equipment, systems, machines and networks. Systems, machines and components should only be connected to the corporate network or the Internet if necessary and appropriate safeguards (such as firewalls and network segmentation) have been taken.

----- continued on the next page -----

Firmware change log of u-view ECO line

Preparations:

The required files will be available in the download section in the [product catalogue](#) under each updateable product or in the [support center](#) – See table 'parts overview'.

1. Unzip the downloaded archive and open the ECO update tool (“UV66_ECO_Update_tool.exe”) on your PC.
2. Connect the device to the power supply. After that, connect your device to your PC with a micro-USB cable or via Ethernet. - Make sure that the devices can communicate with each other - Ensure that the corresponding network configuration on both devices as well as possibly routers, etc. are set accordingly.

Browser-Update procedure:

Please consider points 1 and 2 under “Preparations”.

3. Select the interface, model and select “Browser Update”.
4. Start the update by clicking on “Download”
5. The device will reboot after the update is finished.

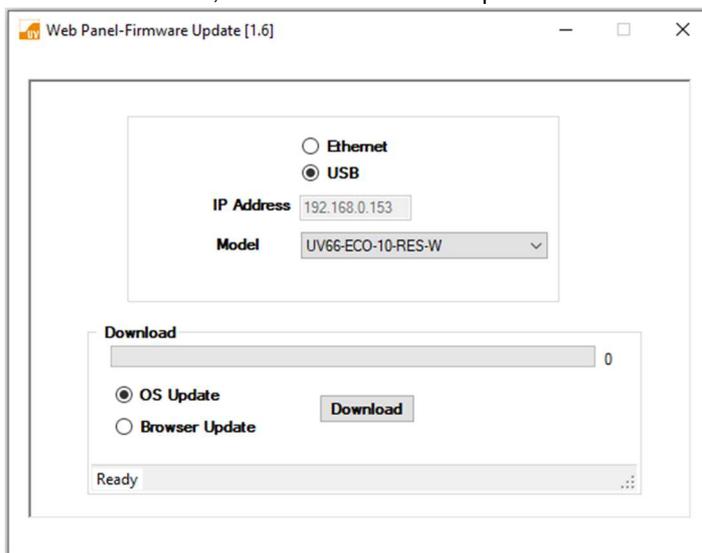
OS-Update procedure:

Notice:

In special cases it can happen that the automatic reboots of the OS-update do not work correctly - in these special cases a manual reboot of the device is necessary. Make sure that a black screen appears for at least 30 seconds, when no automatic reboot happens.

Please consider points 1 and 2 under preparations.

6. Select the interface, model and select “OS Update”.



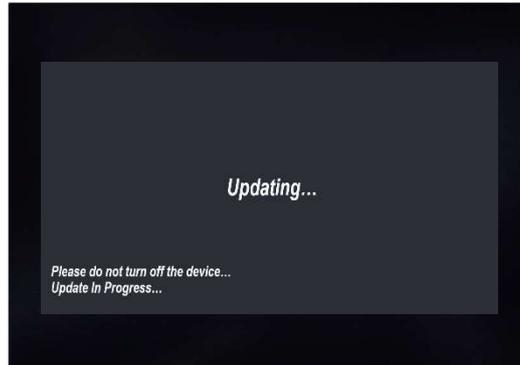
Example of the ECO update tool configuration.

In this case we want to flash the OS-update on the 10" device via USB.

7. Download the OS update via “Download”.
After the download is completed (7/7), the update will start automatically. You can now disconnect the micro-USB cable and your PC from the device, if required. Do not disconnect the device from the power supply while the update is running. The screen should show the following content:

----- continued on the next page -----

Firmware change log of u-view ECO line



8. After the first “Updating...” sequence, the device should automatically reboot. The touch screen calibration dialog appears shortly. Please do not make any entries on the touch screen here. In this dialog, the progress circle will only reach a progress of approx. 3/4. The device will then restart automatically once again.
9. In the next step, the screen will show the same content of the screenshot (7.) above.
10. At the end of the update, the system performs a final automatic reboot. The touch calibration appears again. Touch the calibration points as exact as possible to ensure a good calibration. You can always recalibrate the touchscreen via the device settings webserver.
11. If the calibration has been completed successfully, a final manual restart is required. Afterwards you can open the device configuration with a click on the cogwheel before the progress bar has run through, like usual. The login credentials and the ethernet configuration of the device are reset to default.

Firmware change log of u-view ECO line

Version 1.2

Release date: March, 2021

Information:

The 'Firmware Update Guide' (u-view_ECO_update_instructions_Firmware_1.2.pdf) can be found in the 'Archive firmware' zip. It is available in the download section in [product catalogue](#) under each updateable product or in the [support center](#) – See table 'parts overview' in version 1.6.

New features:

- Improved handling of https certificate related error messages, especially improving usability with u-control web smart visu
- Improved update procedure

Known issues:

- On third-party HTML5 webservers the interaction with some objects through the touchscreen is not 100% accurate. Workaround: Via HTML5 and CSS the objects can be optimized at the webserver to work properly with the touchscreen of the u-view ECO series.