

## SEED MASTER **INTEGRA** monitor software update

The software update does not affect the settings and the measured data stored in the non-volatile memory, these remain on the monitor.

**IMPORTANT:** during the update, the power supply of the device must be continuous, do not remove the flash drive!

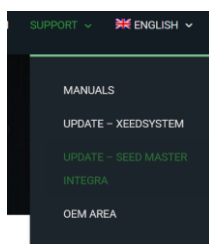
### Prepare

Prepare a USB drive.

The USB stick must be formatted as FAT or FAT32 with a MBR type partition table (GPT type not supported currently).

**Download** the latest version of firmware files.

[https://i-xeed.com/update\\_smi](https://i-xeed.com/update_smi)



Download firmware

**Unzip** the downloaded zip file. The zip file contains 4 firmware files.

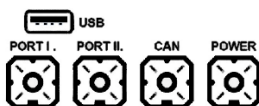
SMI_XXXX.hex	Firmware file for Integra v2.0
SMI3XXX.hex	Firmware file for Integra v3.0
SMI.dpf	See <i>Troubleshooting</i> chapter below
SMI3.dpf	

**Copy** all firmware files to the root folder of your computer's USB drive.

You do not need to select the desired file for your Integra version, the selection is done by the monitor.

The USB stick must be formatted as FAT or FAT32 with a MBR type partition table (GPT type not supported currently).

**Insert** the flash drive into the USB port on the back of the device.



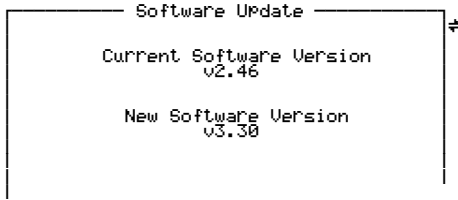
The USB stick can also be connected when the device is switched off or on.

**Turn on** the device if it is not already on.

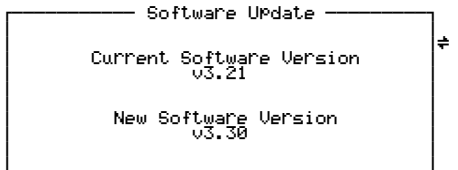
## Update

### Read USB flash drive

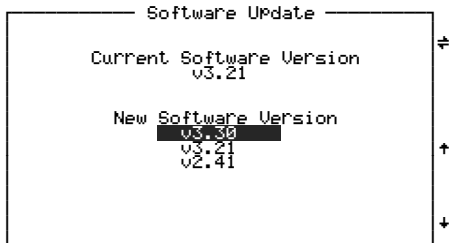
From the *Monitor* menu, select the *Software Update* menuitem.



Press **F1** button to refresh, if the USB stick was not inserted when the device was turned on.



If the update file is found, it will display its version number.



If there are multiple Integra software files in the root directory of the flash drive, a list will appear for selection.



### Start update

If the update file found and selected, you can press the **OK** button to start update.

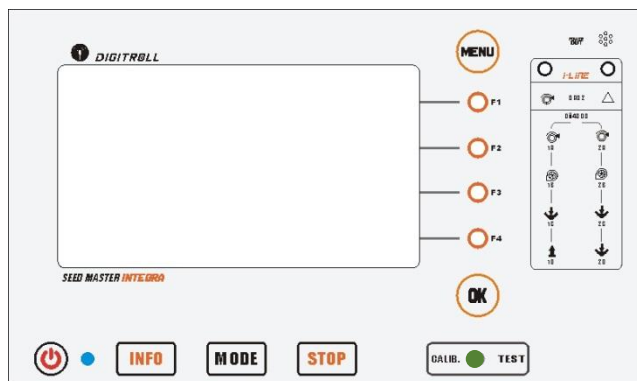


**MENU** Cancel operation.

**OK** Confirm operation.

The monitor goes dark, the update process is indicated by the *rapidly flashing green LED* between the **TEST** and **CALIB** buttons.

If the software update is successful, this green LED will turn off, and the blue standby LED next to the power button will start to pulse. The monitor can be turn on.



You can check the success of the update in the *Software Update* or in the *About* screen. If all goes well, you can remove the flash drive without turning off the monitor.

## Troubleshooting

### If reading USB flash drive failed

Possible error messages

No USB Device	There is no flash drive inserted or damaged.
No Update File	There is no corresponding update file.
Unknown File System	The USB stick is working, but not properly formatted.

### If the software update failed

The *slow flashing* of the green LED between the **TEST** and **CALIB** buttons indicates that the program is waiting for an interrupted update process to continue.

The most common cause is a power outage during the upgrade process.

1. Make sure the flash drive contains the firmware files specified above.
2. Unplug the monitor.
3. Insert the flash drive into the USB port of Seed Master Integra.
4. Press and hold the **TEST** button
5. Plug the monitor.
6. Once the software update process has started you can release the **TEST** button.

If the software update does not start within a few seconds -depending on the read speed of the pendrive- after powering on the monitor, the monitor is defective. It must be sent to DIGITROLL Kft. for repair.