

DiaScan S+™ Technical Notes

The following procedure describes how to install the DiaScan S+ machine:

1. For the installation steps please refer to the DiaScan S+ Installation document.
2. Calib XL – The new calibration tool for **DiaScan S+**:
 - Calib XL requires the camera to be recognized as com 1-4, therefore you must change the com port in case it is recognized as com 5 or above.
 - Calib XL procedure: (all steps should be made through one session)
 1. Change screen resolution to 1280*1024 (Not all laptops have this resolution option – for example, HP widescreen – in that case you should calibrate the machine on desktop computer and then install and copy the calibration files to the laptop).
 2. Activate SlowMotor.reg file for S4+ machines (must be activated after Engine.reg since they share the same key).
 3. Resize (incase ROI changed).
 4. Light Calibration.
 5. Lens-Stage.
 6. Stretch (there are new stones numbers for some of the machines).
Use the following table:

Machine	Stretch Stones
S4+	1,2,3
S7+	3,6,8
S9+	4,8,11
S15+	6,10,14

7. Fix Plate – Table calibration.
 8. Change back the screen resolution to 1024*768.
3. Support issues:
 - The machine works for computer with USB₂ only (not the old USB1)!!! See the **Device Manager** to tell you what kind of USB is installed.
 - DiaExpert / DiaMention / DiaScan ... or other Machine should be disconnected when working with the DiaScan S+.
 - **Device Manager** – The picture below shows the devices which should be added after the installation.
 - In case of Crashes check that the **Advisor** process is dead in the **Task Manager**, otherwise kill it.
 - Advisor can now work on COM ports 1-16 (previously 1-4 only).
 - Workaround for communication problems:
 1. Disconnect the USB plug + electricity
 2. Restart computer
 3. Reconnect electricity.
 4. Reconnect the USB plug.

