

Quick Installation Guide MotionBLITZDirector2 KIT

1 System requirements

- 64 Bit Windows operating system
- Microsoft .NET Framework 4.0 (Full version or Client Profile)
- 6 GB internal memory or more
- At least Pentium dual core 2 GHz
- Free PCI Express x4, 2.0 or higher (for the Silicon Software ME4 frame grabber)
- Available PCI Express bandwidth 800 MB/sec

2 MotionBLITZDirector2 KIT components

MotionBLITZDirector2 KIT comes with:

- Mikrotron high speed camera
- Mikrotron I/O board B716
- Silicon Software microEnable IV frame grabber
- Flat ribbon cable for connection of B716 with frame grabber
- 2 Camera cables
- External power supply for Mikrotron high speed camera
- Installation DVD "MotionBLITZ Director2 KIT"
- Software license key for the frame grabber

3 Installing the hardware

- Make sure your computer is off
- Remove the computer cover
- Locate the appropriate slot for the frame grabber card and, if necessary, remove the metal back-plate cover.
- Align the frame grabber with the slot and press firmly until the card is fully seated
- Use the flat ribbon cable to connect the frame grabber I/O to the B716 board
- Plug in the 5 Volt Connector of the B716 board into the internal PC power supply
- Mount the B716 board
- Tighten the screws of the grabber bracket and B716 bracket.
- Replace the computer cover and restart.

4 Installing the software (available only for 64 Bit systems)

setup.bat on the DVD “MotionBLITZ Director2 KIT” will install 2 software packages - **administrator rights are required:**

- The MotionBLITZDirector2 KIT software and the 2 GB RAMDisk driver software in directory CAMMBKIT_64bit
- The Silicon Software frame grabber software in directory Driver_Siso_FG

During the installation, the Windows Security Center will ask you, if you would like to install the device software. In this case, please click on “Install” and proceed with the installation!

4.1 Microsoft .NET Framework 4.0 in directory “DotNetx4”

If the .NET framework 4.0 is not yet installed: run dotNetFx40_Full_x86_x64.exe

4.2 After the complete software installation

Reboot your system. A desktop shortcut “MBDirector2 KIT” was created during installation.

Again, administrator rights are required: In your installation directory, e.g. C:\Program Files\Mikrotron GmbH\MotionBLITZDirector2 KIT, click on “MotionBLITZDirector2KIT.exe”, select “Run as administrator” and

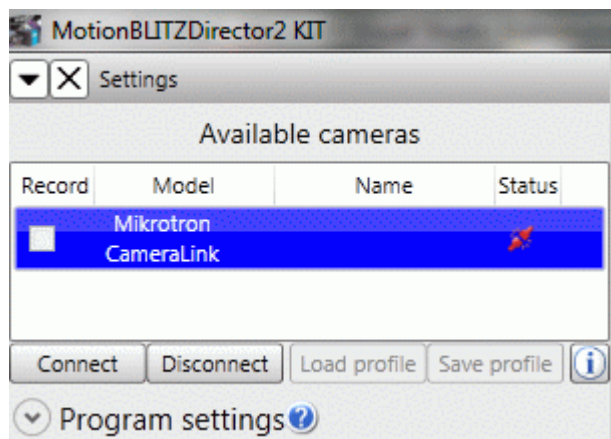
- enter a valid license key for your frame grabber (to be found on the provided printout)
- select the previously installed RAMDisk as record drive for your frame grabber (should be normally „B:“ for the RAMDisk).

Please note:

if you didn't run MotionBLITZDirector2KIT as administrator, the error message could appear: *“Error: Access to the path 'C:\Program Files\...\licence.txt' is denied. Application is closing”*

Now MotionBLITZDirector2 KIT is configured and ready for use next time when you will start it, no more administrator rights are necessary.

5 Start MotionBLITZDirector2 KIT



Connect your camera with the frame grabber

- Port A of grabber with BASE of camera,
- Port B of grabber with FULL of camera and connect the camera's power supply.

Then start the MotionBLITZDirector2 KIT and click at "Mikrotron CameraLINK" in the "Available cameras" window. Then click at "Connect".

MotionBLITZDirector2 KIT will establish communication with your camera and provide a live image.

6 Important Advice

Your MotionBLITZDirector2 KIT uses the RAMDisk for recording, i.e. you MUST export your frames to a non-volatile memory like hard disk because otherwise your recording will be lost after powering off your PC

7 Limitations

MotionBLITZ Director2 KIT will run only as a single application per system, i.e. you can't install more than one KIT in your Windows PC