

## Contents of the configuration file (\*.ini)

mvAcquireControl, mvCAM3, mvCAM4, mvDELTA, mvGAMMA-G, mvSIGMA-SLC, mvSIGMA-SLG, mvSIGMA-SQ, mvTITAN-C16, mvTITAN-C8, mvTITAN-CL, mvTITAN-DIG, mvTITAN-G1, mvTITAN-RGB/G4, pcIMAGE-SC, pcIMAGE-SDIG, pcIMAGE-SG/SGVS, pcIMAGE-SRGB

The configuration file is needed by the driver to control the initializing process. There must be several commandos in the file and more commandos can be added to change / manipulate specific settings before or after initializing the board.

### At least these commands must be in the config file :

```
...  
[HardwareMark]  
...  
SetLogDevice "Name of the LOG-file"  
...  
InitBoard  
...
```

#### *[HardwareMark]:*

e.g. [TITAN] for mvTITAN- or mvCAM-Hardware or [MVSL] for mvSIGMA-Hardware. This mark is searched while opening a hardware to highlight the category of the hardware which should be opened.

#### *SetLogDevice:*

Whilst initializing and working with the grabber , the driver can take down events, informations and possible error messages.

The "*Name of the LOG-file*" means that the driver received the name of the file in which write all these informations.

This is always a ASCII file and will be deleted since every start of the hardware.

If this command not exists , no output information will be written.

#### *InitBoard:*

At this point the hardware is initialized.

All settings which concern opening like choosing hardware or change DMA buffer must make before this mark.

### **Some additional commands :**

*DebugLevel* (before InitBoard):

Defines how much information write in the log file.

Possible parameters : 0 to 4.

0: standard, only general informations concerning the initialization and closing the board was written.

4: all events and informations during opening , while working and closing logged.

Attention : The LOG file can dramatically decrease the working speed because the file can be very big.

That"s why you should only work with DebugLevel 0 until you need more detailed informations.

If you do not set the command , DebugLevel will be set to 0 automatically.

*SelBoard* (before InitBoard):

You can use this command to choose one of multiple grabbers of the same family in the same computer.

For example :

You have a mvTITAN-G1 and a mvTITAN-RGB in the same system.

In this case to exactly choose the grabber , mvTITAN-G1 or mvTITAN-RGB, you must use either *SelBoard 0* or *SelBoard 1*.

SelBoard 0 instruct the grabber to open the first hardware of the same family.

SelBoard 1 opens the second grabber, and so on...

### **Example for a INI-file:**

...

[TITAN]

SetLogDevice "grabber.log"

DebugLevel 4

SelBoard 1

initBoard

...

As you see , the grabber.ini is needed to initialize the board.

This file must contain at least the following entries for the pcIMAGE-SC :

```
...  
[PCISC]  
SetLogDevice "logfile.log"
```

```
...  
InitBoard
```

```
...
```

[PCISC] :

Mark for the pcIMAGE-SC

SetLogDevice "logfile.log": Defines whether create a log file an if so how name will be used.

InitBoard: The pcIMAGE-SC will be initialized at this point.

Additional commands (not necessary):

Selboard : Useful if more than one SC or an additional SRGB or SG is in the PC. With this command you can choose between the

grabber. E.g. SelBoard 0 initialize the first SC,SG or SRGB in your PC, SelBoard 1 initialize the second and so on...