ConoscopeSdk CaptureSequence

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| Abstract | The aim of this document is to describe the capture sequence |
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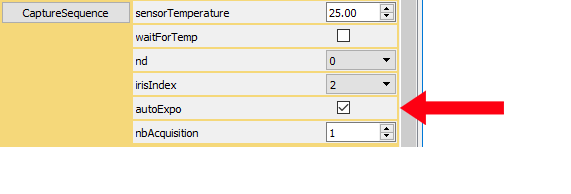
# Introduction

# Exposure time configuration

Capture Sequence exposure time has 3 configurations:  
- AutoExposure  
- All the capture have the same exposure time  
- Exposure time are defined in a json file

## AutoExposure

Check “autoExpo” so the exposure is calculated during the capture processing

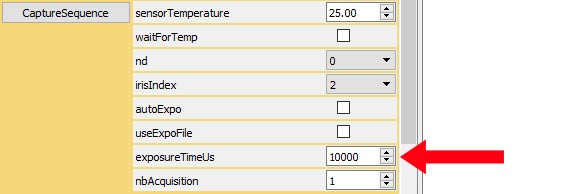


## Manual Exposure

Uncheck “autoExpo” and uncheck “useExpoFile”

Set exposure time in “exposureTimeUs” control.

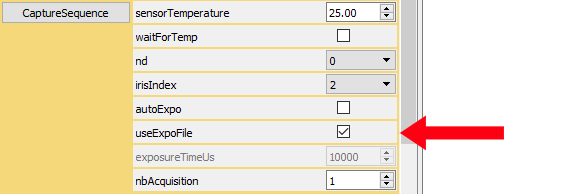
All the captures are done with this exposure time



## Exposure file

Uncheck “autoExpo” and check “useExpoFile”

File “CaptureSequenceExposureTime.json” is used to retrieve the exposure time



If “CaptureSequenceExposureTime.json” does not exist, it is created with default values.

CaptureSequenceExposureTime.json example:

{

"ExposureTimeUs": {

"Filter\_X": 10001,

"Filter\_Xz": 10002,

"Filter\_Ya": 10003,

"Filter\_Yb": 10004,

"Filter\_Z": 10005

}

}