ELDIM
ELECTRONICS FOR DISPLAYS AND IMAGING DEVICES

Application Note: Region of interest

Abstract	This documents is an application note
Version	0.1
Status	Draft
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Revision history

Version	Date	Content
0.1	2020/07/22	Initial version

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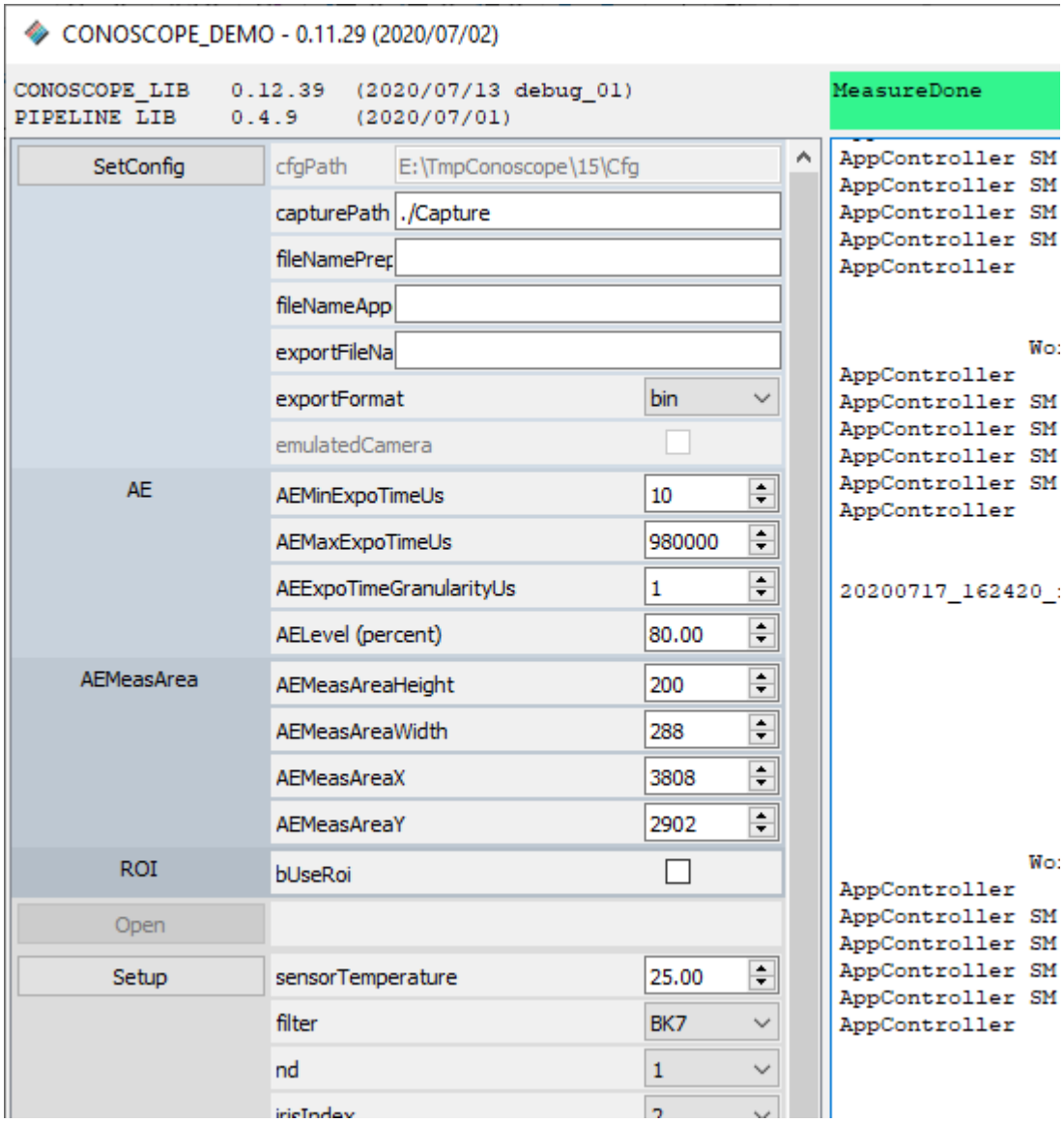
1 Introduction

A Region of interest (ROI) can be defined to capture only a part of the capture

2 Sequence with no ROI

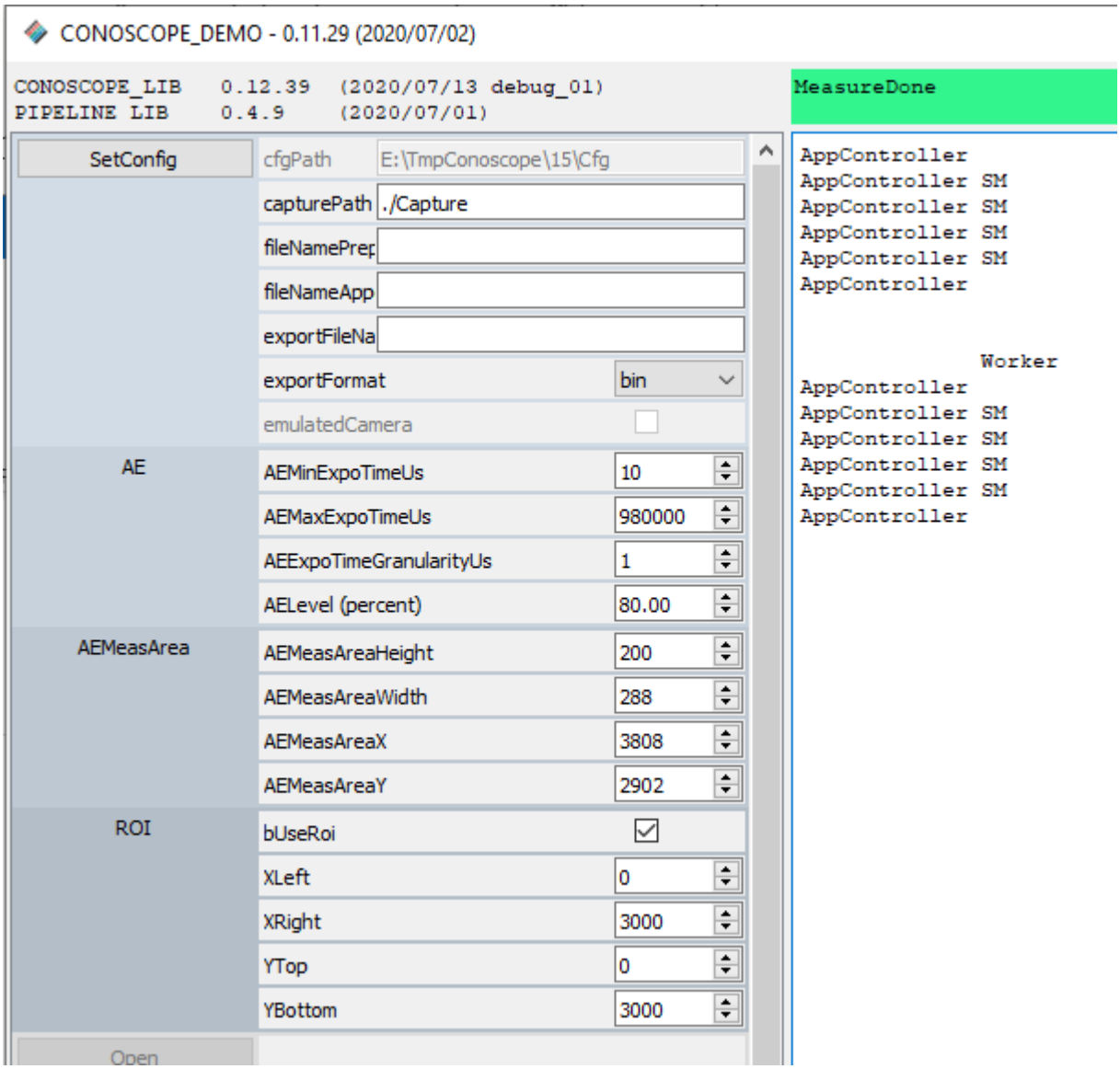
ROI is disable



Perform “Measure”.
Export process data.
The result is in Capture folder (size is 6001*6001)
(please refer to User Manual to open the capture)

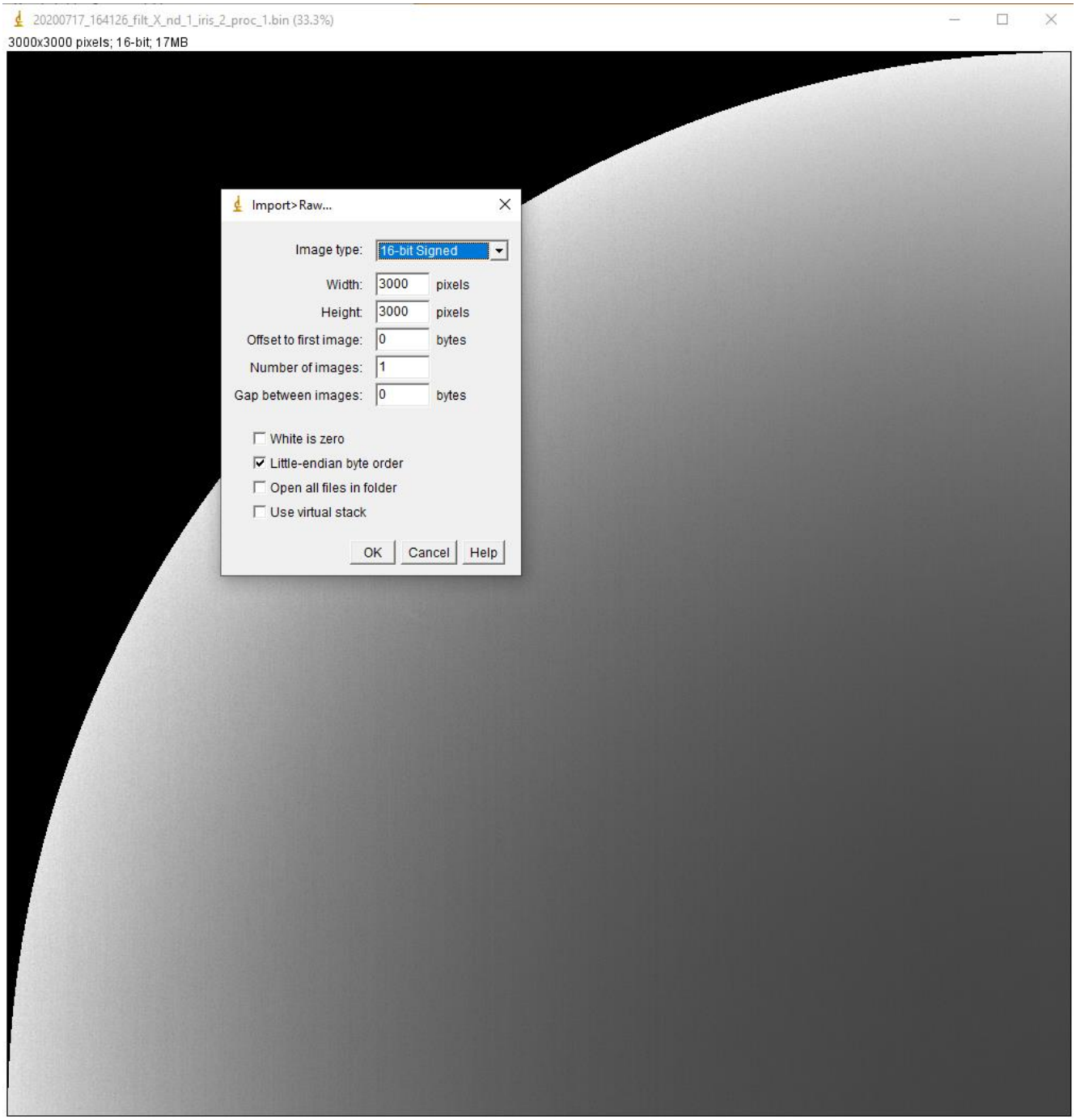
3 Sequence with ROI

Following figure shows the configuration for a result image of 3000x3000 pixels



After “ExportProcess” capture is stored in Capture foldef

Opening the image with ImageJ:


20200717_164126_filt_X_nd_1_iris_2_proc_1.bin (33.3%)
3000x3000 pixels; 16-bit; 17MB
Import>Raw...
Image type:
16-bit Signed
Width:
3000
pixels
Height:
3000
pixels
Offset to first image:
0
bytes
Number of images:
1
Gap between images:
0
bytes
White is zero
Little-endian byte order
Open all files in folder
Use virtual stack
OK
Cancel
Help