

Zwo Spectrum.vi

C:\Users\iguser\Documents\HAO-IG\0000-IG-Operations\IG Facilities\Cameras\Zwo ASI1600\

labview_ASI_demo\Zwo Spectrum.vi

Last modified on 10/20/2023 at 11:01 AM

Printed on 10/20/2023 at 2:08 PM

Exposure Time (s) 0.10000 Starting Row 440 Rows to Average 280

Image Type RAW16

Binning bin2

Image 0 31 Horiz Pixels 2328 Vert Pixels 1760

Max Horiz Pixels 4656 Max Vert Pixels 3520

Pixel Size (um) 3.8 Camera Name ZWO-ASI1600MM

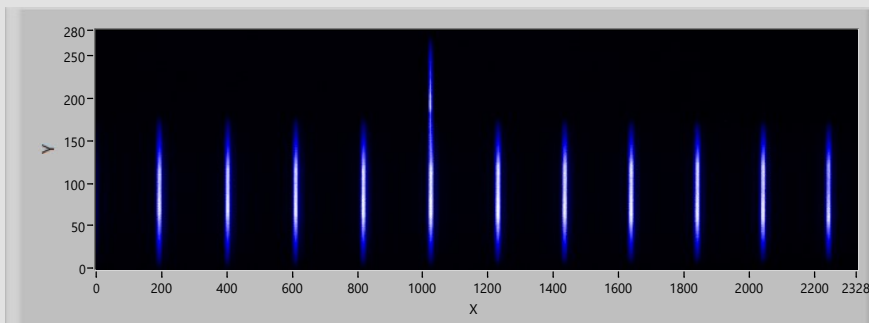
Camera ID 0 New Image new

Num of Cameras 1 get prop return 0 open return 0

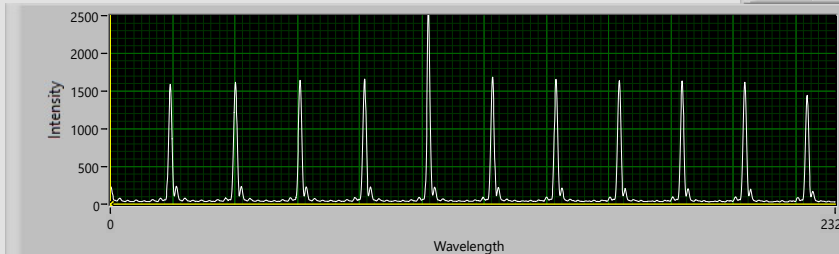
init return 0 binning return 0 close return 0

set exposure return 0 set gamma return 0 set brightness return 0

Exposure Progress



Waveform Graph



Higher wavelengths are to the left (verify using 404.6nm and 407.8nm lines of Hg)

name Exposure
 pValue out 100000
 IsWritable 1
 MinValue 32
 MaxValue 20000000
 DefaultVal 10000
 IsAutoSupp 1
 piNumber 13

| Cursors: | X | Y |
|----------|---|---|
| Cursor 0 | 0 | 0 |

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| Control Name | Value |
|-------------------|-----------|
| name 2 | Offset |
| name 3 | BandWidth |
| pIValue out 2 | 50 |
| pIValue out 3 | 40 |
| IsWritable 2 | 1 |
| IsWritable 3 | 1 |
| MinValue 2 | 0 |
| MinValue 3 | 40 |
| MaxValue 2 | 100 |
| MaxValue 3 | 100 |
| DefaultValue 2 | 10 |
| DefaultValue 3 | 50 |
| IsAutoSupported 2 | 0 |
| IsAutoSupported 3 | 1 |
| Camera ID 3 | 0 |
| Camera ID 2 | 0 |
| ControlType 2 | 5 |
| ControlType 3 | 6 |

Mean: 190.58