

## Imager UV

ultra compact  
camera design



LaVision's **Imager UV** high performance digital 14 bit CCD camera system features state of the art in CCD and electronics technology. It has extraordinary high quantum efficiency in the ultraviolet part of the spectrum. Available exposure times range from microseconds to a minute.

The **Imager UV** ultra-compact camera system is perfectly suited for many scientific and industrial imaging applications, like UV detection, material testing and combustion analysis.

### General System Specifications

<b>Double shutter</b>	two images with 300 ns interframing time
<b>Exposure time</b>	1 $\mu$ s - 60 s
<b>Digital output</b>	14 bit
<b>Interface</b>	USB 2.0
<b>Lens mount</b>	C-mount
<b>Number of pixels</b>	1392 x 1040 pixels
<b>Pixel size</b>	4.65 $\mu$ m x 4.65 $\mu$ m
<b>Active area</b>	6.5 mm x 4.8 mm
<b>Spectral range</b>	190 nm - 1100 nm
<b>Quantum efficiency</b>	typ. 40 % @ 192 nm
<b>Full well capacity</b>	14,000 e-
<b>Frame rate</b>	7.1 fps
<b>Area of interest</b>	adjustable, centered AOI
<b>Operating temperature</b>	10 - 35 °C
<b>Dimensions (LxWxH)</b>	80 mm x 49.8 mm x 49.8 mm
<b>Weight</b>	350 g
<b>Requirements</b>	DaVis Software / PC / timing unit / Windows 7 (64 bit)

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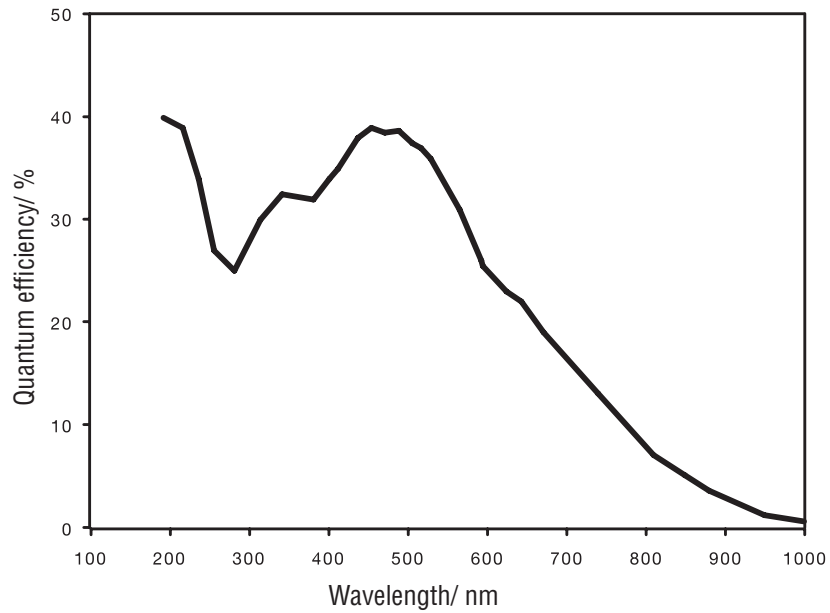
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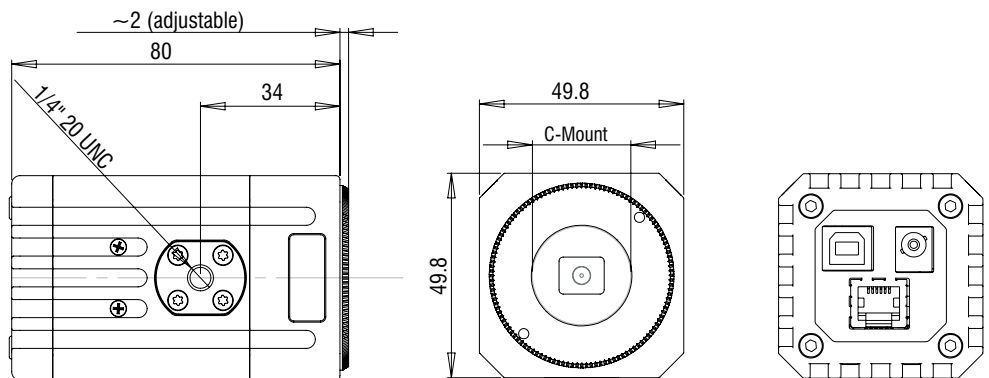
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Quantum efficiency



Dimensions



all dimensions shown in mm

Data provided by LaVision are believed to be true. However, no responsibility is assumed for possible inaccuracies or omissions. All data are subject to change without notice.

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Ordering Information

Part number	Description
1101125	Imager UV camera

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