



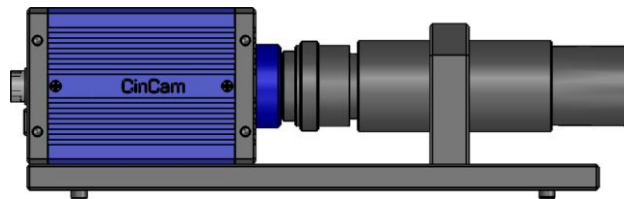
## UV Module - Technical Data -

The C-Mount converter module is an add-on to a standard CinCam Beam Profiler and extends sensitivity into the UV range. The module is based on fluorescent material with unique emission properties and converts 110nm-532nm photons to CCD / CMOS detectable wavelengths without fading or image lag. A lens transfers the converted image to the attached CinCam Beam Profiler.

### MO-UV-01 / MO-UV-02 / MO-UV-03 / MO-UV-04

Sensitivity:	110nm-532nm
Active area:	6.4mm x 4.8mm / 9.6mm x 7.2mm / 19.2mm x 13.8mm / 37.6mm x 28.2mm
Material:	Crystal
Decay time:	0.5µs
Emission spectrum:	Visible
Resolution:	5µm-10µm
Linearity:	5-6 decades
Dynamic range:	>5 orders of magnitude
Max input intensity:	1.5W/cm <sup>2</sup>
Crystal stability:	>10 <sup>7</sup> pulses
Camera mount:	C-Mount
Dimensions (O.D. x L):	35mm x 89mm / 35mm x 113mm / 35mm x 128mm / ≤75mm x 140mm

Design and specification of the described product(s) are subject to change without notice.



### Sensor Coating:

Alternatively, CINOGY provides UV coatings located directly on the CinCam sensor. The robust fluorescent material is ideally suited for UV imaging.

