



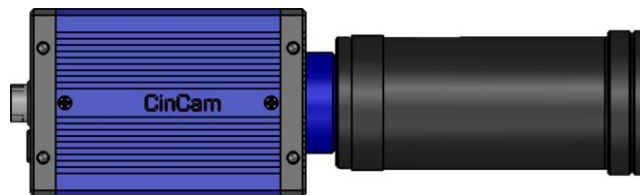
IR Module - Technical Data -

The C-Mount converter module is an add-on to a standard CinCam Beam Profiler and extends sensitivity into the near IR range. The cost effective module is based on complex anti-stokes material with unique emission properties and converts 1495nm-1595nm photons to CCD / CMOS detectable wavelengths without fading or image lag. A lens transfers the converted image to the attached CinCam Beam Profiler.

MO-IR-01

Sensitivity:	1495nm-1595nm
Active area:	22mm x 16.5mm (further sizes on request)
Material:	Phosphor (anti-stokes)
Decay time:	<1ms
Emission spectrum:	950nm-1075nm
Resolution:	40lp/mm at sensor focal plane
Linearity:	Non-linear (corrected by software)
Dynamic range:	42dB (CinCam CCD-1201) / 43dB (CinCam CMOS-1201) / 44dB (CinCam CMOS-1202)
Max input intensity:	1W/cm ²
Beam diameter accuracy:	5%-10%
Camera mount:	C-Mount
Dimensions (O.D. x L):	46mm x 97mm

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



Sensor Coating:

Alternatively, CINOGY provides phosphor coatings located directly on the CinCam sensor. The robust and non-charge anti-stokes material is ideally suited for IR imaging.

