

IR ADAPTOR

IR adaptor to expand the BEAMAGE range to near-IR telecom wavelengths. Must be purchased with BEAMAGE for in-factory tuning.



PRODUCT FAMILY KEY FEATURES

CONVERT IR LIGHT TO VISIBLE

The IR adaptor converts wavelengths between 1495 nm and 1595 nm to shorter wavelengths between 950 nm and 1075 nm.

IMAGE LARGER BEAMS

The magnification properties allow you to image beams that are larger than the sensor.

HIGH QUALITY IMAGING

Built with a high quality coated anti-reflection input window that allows wavelength conversion with low distortion and maximum image resolution.

READY TO USE WITHIN MINUTES

Removable and easily C-mounted onto the entrance port of the BEAMAGE camera.

SPECIFICATIONS

MEASUREMENT CAPABILITIES

Spectral range	1495 - 1595 nm
Maximum beam size	19 mm
Pixel multiplication factor (PMF)	3.29
Minimum measurable beam	230 μ m
Linearity	Non-linear, IR converted output \propto input intensity ^{1.41}
Distortion	-1.0% barrel distortion (inverted image)
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DAMAGE THRESHOLDS

Damage thresholds	1 W/cm ²
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PHYSICAL CHARACTERISTICS

Dimensions	46 \varnothing X 97D mm
Weight	0.21 kg

ORDERING INFORMATION

IR Adaptor	201061
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Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at gentec-eo.com/contact-us

