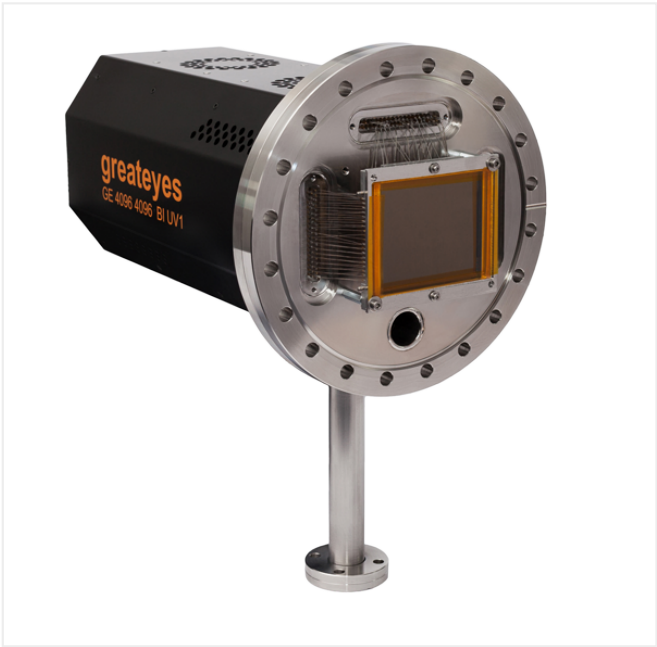


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GE-VUV 4096 4096 BI UV1

GE-VUV 4096 4096 BI UV1



This series of highly sensitive, cooled cameras with vacuum flange is equipped with ultra-low noise 18-bit readout electronics and perfectly suited for spectroscopy and imaging applications in the VUV, EUV and X-ray range up to 20 keV. The CCD detectors deliver spectra and images with outstanding dynamic range. To find the best solution for your application, greateyes offers various sensors with quantum efficiencies up to 97%.

More Views



Image area	61.4 mm × 61.7 mm
Pixel format	4096 × 4096 pixels
Pixel size	15 µm × 15 µm
CCD sensor cooling	Min. -90°C to 20°C, forced air or liquid cooling
Gain	Switchable, max. 1.0 counts/e-
Data link	Gigabit Ethernet
Distance flange - focal plane	20.5 mm
Dimensions (H x W x L)	13.5 cm (5.31") x 15.0 cm (5.90") x 28.5 cm (11.22")
Weight (g)	9500
CCD sensor type	Back-illuminated, enhanced process
Full well capacity	150 k e-
Description	
Features	
Description	
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bit readout electronics and perfectly suited for spectroscopy and imaging applications in the VUV, EUV and X-ray range up to 20 keV. The CCD detectors deliver spectra and images with outstanding dynamic range. To find the best solution for your application, greateyes offers various sensors with quantum efficiencies up to 97%.

Features

- Up to 97% quantum efficiency, VUV to X-ray range
- Back-illuminated 16.8 Megapixel CCD
- Highest EUV / Soft X-Ray sensitivity

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