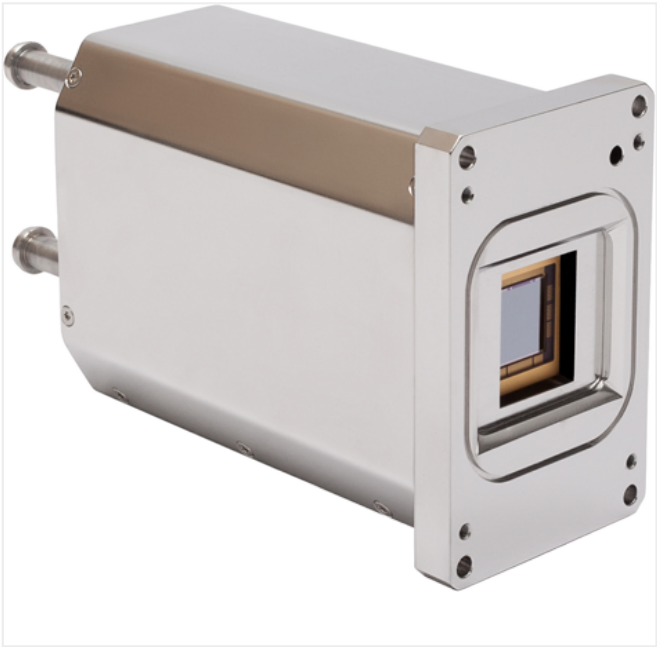


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# GE-VAC 1024 1024 BI



This highly sensitive, cooled in-vacuum cameras are equipped with ultra-low noise 16-bit readout electronics and perfectly suited for spectroscopy and imaging applications in the VUV, XUV 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 different sensor technologies with quantum efficiencies up to 98%.

## More Views



Image area	13.3 mm × 13.3 mm
Pixel format	1024 × 1024 pixels
Pixel size	13 μm × 13 μm
CCD sensor cooling	Min. -80°C to 20°C, liquid cooling
Gain	High: 1.0 counts/e- Low: 0.4 counts/e-
Data link	USB, Gigabit Ethernet
Distance flange - focal plane	10.0 mm
Dimensions (H x W x L)	10.0 cm (3.94") x 6.2 cm (2.44") x 13.2 cm (5.20")
Weight (g)	2300
CCD sensor type	Back-illuminated
Full well capacity	100 k e-

### Description

### Features

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#### Features

- Up to 96% quantum efficiency, VUV to X-ray range
- Back-illuminated CCD
- High EUV sensitivity

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