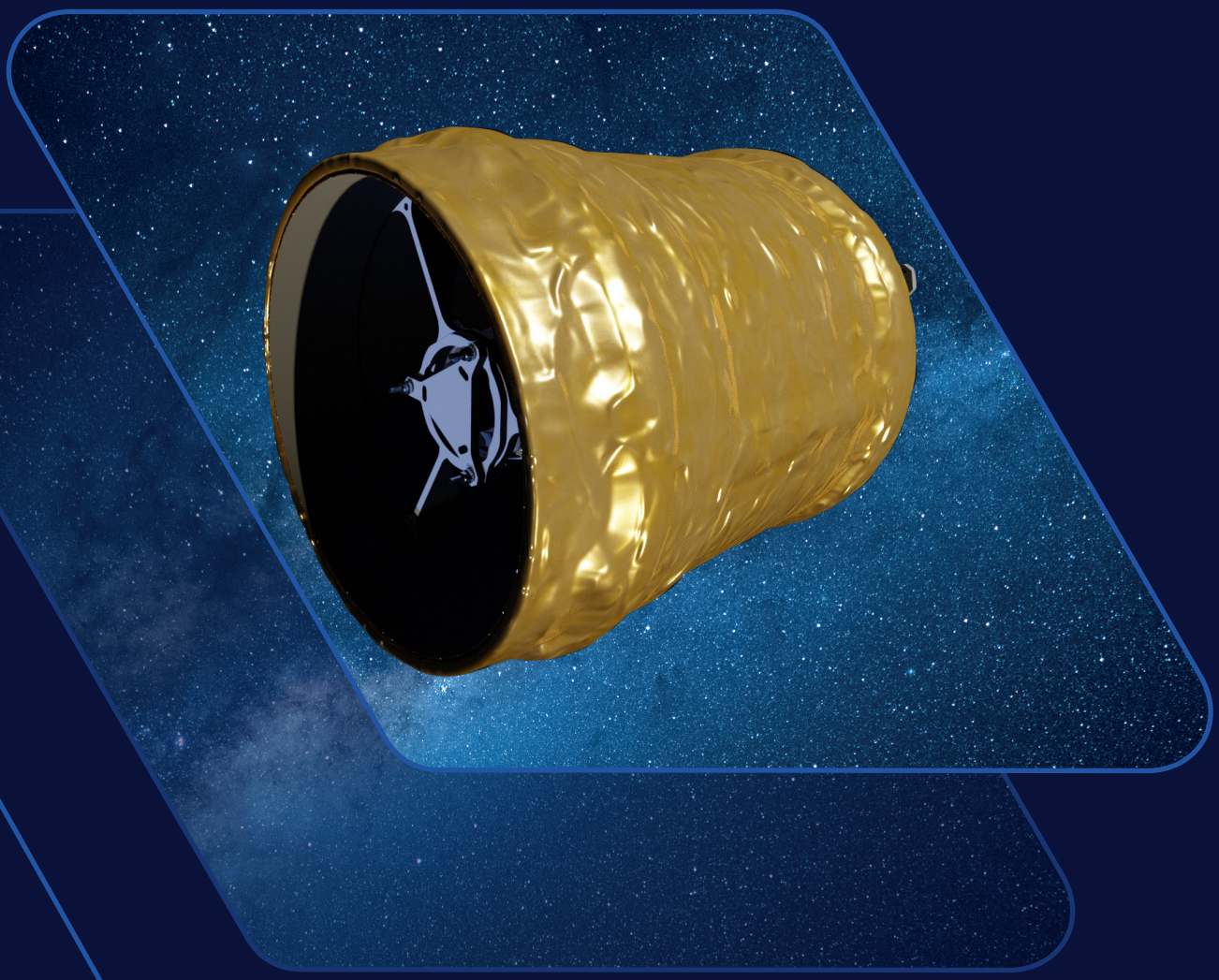
SPEO+



VNIR Optical Payload for Earth Observation Missions

- Very high resolution <0.5m GSD
- Multispectral imaging
- Swath: 11km
- Low SWaP design

bertin winlight
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VNIR OPTICAL PAYLOAD

As a European leading player in the Space market since 1985, Bertin Technologies provides SPEO+, an advanced VNIR optical payload, consisting in a low SWaP (Size, Weight and Power) multispectral camera.

Offering very high resolution images SPEO+ will address a wide range of Earth observation applications. Its lightweight, robust and high-stability design is cost-effective and specially adapted to the smallsats' operational constraints, during both launch and inservice phases.

In the market for critical security applications, SPEO+ hits the perfect sweet spot, combining reliability and innovation.

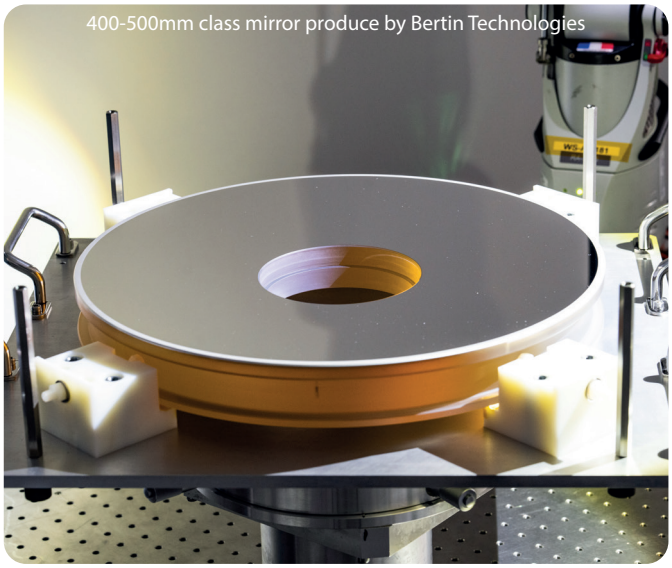
APPLICATIONS

KEY VALUES

	SPEO+ VNIR
Weight	< 60kg
Volume	< Ø630mm x 900mm
GSD (Ground Pixel)	<0.5m
Swath	11km
Bandwidth	0.4µm – 0.9µm
Spectral multiband	7 + PAN (customizable)
Aperture	Ø 500mm
Power Consumption	<40W

WHO'S BACKING YOU?

Bertin Technologies' activities in the space market span for 35 years.
Bertin Technologies has a world-renowned expertise in the design and supply of optronic systems and optical components for major prime contractors and integrators. Highly committed to excellence, Bertin Technologies is AS/EN9100 certified, providing reliable, high-performance equipment to meet the most stringent requirements of the space industry. In addition, Bertin Technologies uses proprietary technologies and processes to offer all types of optical components, used in systems covering bandwidths from X-ray mirrors to lenses for Long Wave InfraRed (LWIR).



400-500mm class mirror produce by Bertin Technologies

For more information please contact: win-sales@bertin.group
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