

SpectroCam™ Multispectral Camera



KNIGHT OPTICAL | MULTISPECTRAL CAMERAS | SPECTROCAM™

The SpectroCam™ VIS multispectral camera offers a sophisticated, flexible imaging platform for fast product development. Featuring a high-speed, continuously rotating filter wheel with 8 interchangeable optical filters combined with a scientific-grade CMOS array, it's a fully configurable, high-speed multispectral imaging system with minimal pixel shift and high frame rates.



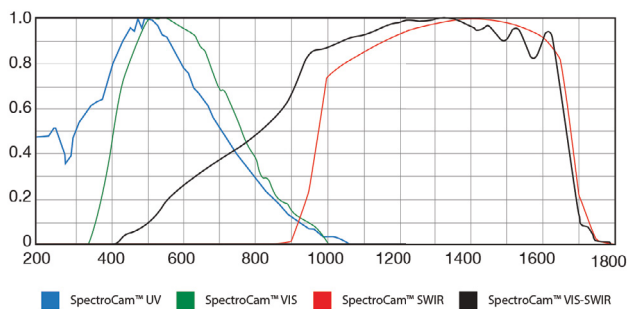
Key Features

- Sequential 8 band multispectral imaging
- Interchangeable standard & custom spectral filters
- Intuitive acquisition software
- High-speed digital video output

OEM Customisations

- Application-specific multispectral engine
- Easy modular device integration
- Optimised spectral bands & imaging

Spectral Response



	SpectroCam™ VIS
Spectral Response	400-1000nm (VIS+NIR)
Resolution	2464 x 2056 Pixels
Sensor	CMOS, Silicon, 1.4MP 3.45µm Pixel Pitch
Spectral Bands	8 interchangeable filters
Active Area	8.5mm (H) x 7.09mm (V) 11.1mm (Diagonal)
Frame Rate	22.7 fps
Optical Interface	F-Mount standard (Manual Aperture & Focus), Range of Lenses Available, Adapters Available Upon Request
Digital Output	Gig-E Vision
Dimensions (No Lens or Mount)	136 mm (H) x 124 mm (W) x 105mm (D)
Weight	680g

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