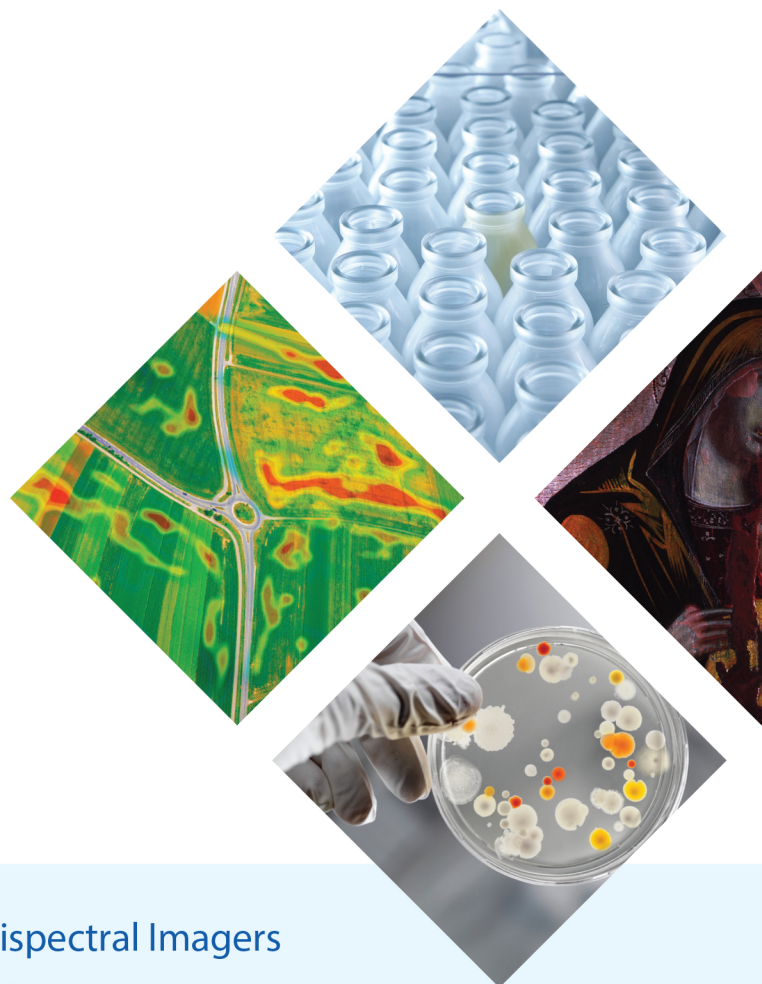


SpectroCam™

Multispectral Cameras

**SALVO**a Division of Salvo Technologies

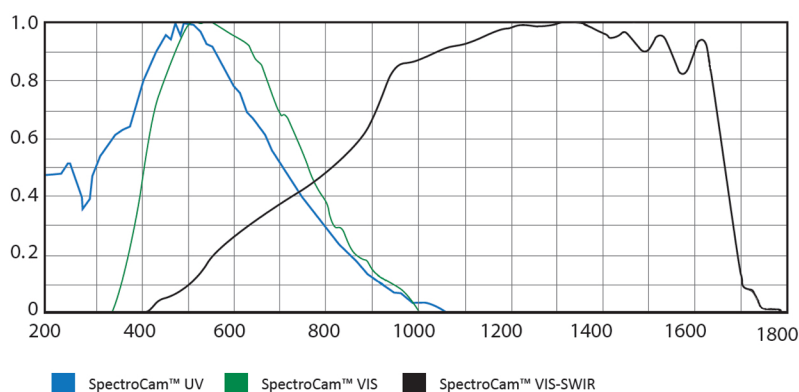
Sequential 6-8-Band Multispectral Imagers UV, VIS, and SWIR Versions

SpectroCam™ multispectral cameras deliver live processed images of 6-8 spectral bands at full-frame resolution and rates up to 25 frames per second (~2-4 stacks per second). Configure SpectroCam™ for your application, using standard and custom interchangeable optical filters. Available in ultraviolet (UV), visible (VIS), and short-wave infrared (SWIR) versions, SpectroCam™ cameras incorporate high-sensitivity image sensors.

Fully functional out of the box, SpectroCam™ makes multispectral imaging accessible to any user - speeding the development and deployment of all kinds of multispectral applications. Capture live images within minutes, using the included acquisition software to enhance contrast and see beyond human vision. Customized OEM multispectral engines provide easy modular integration into handheld optical devices and instrumentation.

	SpectroCam 5MP UV-VIS-NIR	SpectroCam 5MP VIS-NIR	SpectroCam VIS-SWIR
Spectral Response	200nm - 1000nm	400nm - 1000nm	0.6 μ m - 1.7 μ m (600nm - 1700nm)
Resolution	2464 x 2056 Pixels	2464 x 2056 Pixels	640 x 512
Sensor	CMOS, Silicon, 5MP 3.45 μ m Pixel Pitch	CMOS, Silicon, 5MP 3.45 μ m Pixel Pitch	InGaAs 15 μ m Pixel Pitch
Spectral Bands	8 Filters	8 Filters	6 Filters
Active Area	8.5mm (H) x 7.09mm (V) 11.1mm (Diagonal)	8.5mm (H) x 7.09mm (V) 11.1mm (Diagonal)	7.68mm (H) x 9.6mm (W) 12.29mm Diagonal
Frame Rate	22.7 fps	22.7 fps	120 fps
Optical Interface	F-Mount Standard (Manual Aperture & Focus), Range of Lenses Available, Adapters Available upon Request		
Digital Output	GigE Vision	GigE Vision	Camera Link
Dimensions (No Lens or Mount)	136mm (H) x 124mm (W) x 105mm (D)	136mm (H) x 124mm (W) x 105mm (D)	136mm (H) x 124mm (W) x 105mm (D)
Weight	680 grams	680 grams	908 grams

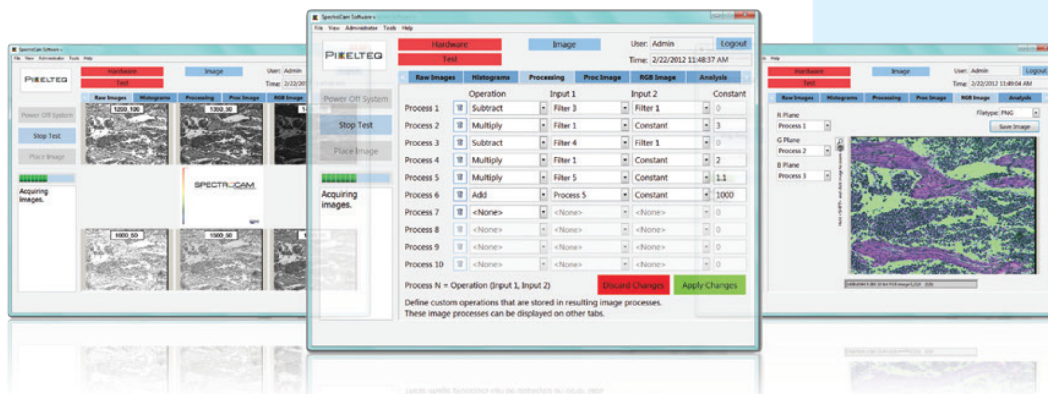
Spectral Response



Dimensions



Acquisition Software



Applications

- Biomedical markers
- Medical tissue analysis
- Forensics examination
- Authentication
- Art & archeology
- Food quality grading
- Colorimetric assays
- High accuracy color
- Enhanced night vision

Benefits

- Sequential 6-8 band multispectral imaging
- Full frame resolution at up to 25 frames/second
- Interchangeable standard & custom spectral filters
- Intuitive acquisition software
- High speed digital video output

OEM Customization

- Application-specific multispectral engine
- Easy modular device integration
- Optimized spectral bands & imaging
- Proof of concept to high volume production

Contact our engineers today to discuss your application.

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