



## PRODUCT DATA SHEET

### Hyperspec<sup>®</sup> Co-Aligned VNIR-SWIR Sensor



- Wavelength range: 400-2500nm
- Dual VNIR/SWIR Sensors with Co-Aligned Pixels
- 270 & 267 Spectral Pixels (VNIR/SWIR)
- 640 Spatial Pixels

- Small size, low weight
- Suitable for airborne & ground use
- Internal data storage
- All-reflective, concentric optical design

## Dual-Sensor VNIR-SWIR Package

Spectral Range	VNIR (400-1000nm)	SWIR (900-2500nm)
Spectrograph Design	High throughput aberration-corrected concentric imager	
Spectral pixels	270	267
Detector Pixel Pitch (microns)	7.4	15
Dispersion per pixel (nm/pixel)	2.2	6
FWHM Slit Image (nm)	6	8
Spatial pixels	640	
f/#	2.5	
Slit width (microns)	20	
Camera Technology	CMOS	Stirling-cooled MCT
Max Frame Rate (Hz)	350	200
Bit Depth	12	16
Size	approx. 10.7" x 8.2" x 6.5" (272mm x 208mm x 165mm)	
Weight (lb / kg)	6.25 / 2.83	

## APPLICATIONS



**GEOLOGY & MINING**



**INFRASTRUCTURE INSPECTION**



**ENVIRONMENTAL**

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