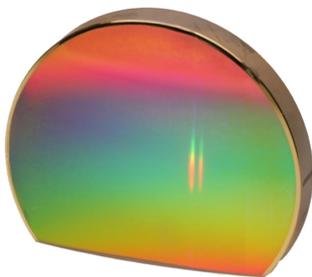


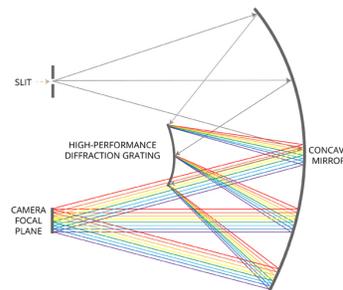
PRODUCT DATA SHEET

Dual-Sensor VNIR-SWIR Package

Spectral Range	VNIR (400-1000nm)	SWIR (900-2500nm)
Spectrograph Design	High throughput aberration-corrected concentric imager	
Spectral pixels	271	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 length (mm)	6	10.4
Slit width (microns)	20	
Camera Technology	CMOS	Stirling-cooled MCT
Max Frame Rate (Hz)	330	>100
Bit Depth	12	14
Size	approx. 10.7" x 8.2" x 6.5" (272mm x 208mm x 165mm)	
Weight (lb / kg)	6.25 / 2.83	



Headwall-manufactured diffraction gratings manage reflected light with exceptional precision and resolution.



Headwall's concentric design layout using mirrors and gratings provides aberration-free imaging and a wide field-of-view.



Telecentric lens provides a perfectly matched exit pupil that eliminates unwanted image artifacts.

March 2017

© 2017 Headwall Photonics, Inc. Information in this document is subject to change without notice. Headwall Photonics, Inc. reserves the right to change or improve its products and specifications and to make changes in content without obligation to notify any person or organization of such changes or improvements. The Hyperspec® name (and all its derivations) is a registered trademark of Headwall Photonics, Inc. *US and/or EU Export Restrictions may apply to this Dual Use Product.