



## PRODUCT DATA SHEET

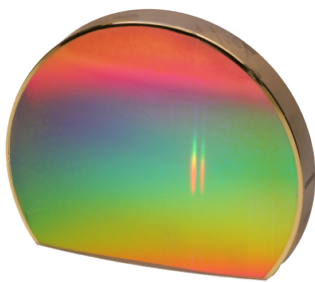


### Hyperspec<sup>®</sup> SWIR Hyperspectral Imaging Sensor

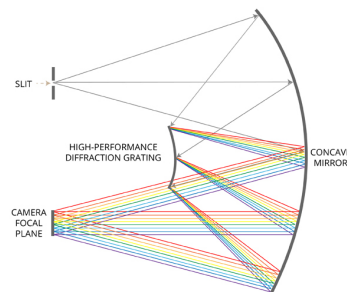
- Spectral Bands: 267
- Spatial Bands: 384
- Max Frame Rate: 450 Hz
- Aberration-corrected imaging
- All-reflective concentric optical design
- Collect full spectrum for every pixel in FOV

## Hyperspec® SWIR

Wavelength Range (nm)	900-2500
Aperture	F/2.0
Entrance Slit Width	25 $\mu$ m
Dispersion/Pixel (nm/pixel)	6
FWHM spectral resolution	6.3 nm
Slit Length	12 mm
Spectral Bands	267
Spatial Bands	384
Smile - Aberration-corrected	Yes
Keystone - Aberration-corrected	Yes
Detector	Stirling-cooled MCT
Max. Frame Rate (Hz)	450
Pixel Pitch	24 $\mu$ m
Read A/D	16-Bit
Camera Control Interface	Base CameraLink and RS232
Weight (lb / kg)	9.6 / 4.4
Max. Power (W)	14.4



*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

### contact information