



Hyperspec®
UV-VIS
Hyperspectral
Imaging Sensor



FEATURES

Spectral Range: 250-500nm

Spectral Bands: 409

Spatial Bands: 1,100

· Frame Rate: 30-50 Hz

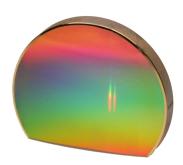
Aberration-corrected imaging

· All-reflective concentric optical design

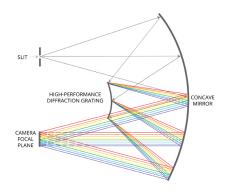
DATASHEET FEBRUARY 2022 REV 1

HYPERSPEC UV-VIS HYPERSPECTRAL IMAGING SENSOR

Wavelength Range (nm)	250-500
Aperture	F/2.0
Dispersion per pixel	0.61nm
Slit Width standard	25µm
Slit Length	12mm
FWHM Slit Image	1.4 nm
Spectral Resolution (25µ slit)	2nm
Spectral Bands	410
Spatial Bands	1,100
Smile - Aberration-corrected	Yes
Keystone - Aberration-corrected	Yes
FPA Detector	CMOS
Frame Rate (Max.)	84 fps @ full ROI
Camera Control Interface	CameraLink
Power Consumption	2W @3.6 VDC
Weight	~ 7 Lb.



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.

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