sensIR



vSWIR 26

400 to 2600nm Hyperspectral Imager

VNIR Spectrometer Specifications

Parameter	Value
Wavelength Range	400 to 1000 nm
CCD Dispersion Length	9.6 mm (640 pixels)
Dispersion	62.5 nm/mm
Spectral sampling	1 nm/pixel (9 micron pixel)
Spectral resolution	3nm FWHM
F/#	2
Spatial channels	512
Slit height	6 mm
Slit width	20 microns
Camera Output	Coax Express 2.0

SWIR Spectrometer Specifications

Parameter	Value
Wavelength Range	900nm to 2600nm
CCD Dispersion Length	9.6mm (640 pixels)
Dispersion	177 nm/mm
Spectral Sampling	2.7nm/pixel (15um pixel)
Spectral Resolution	4nm (FWHM)
F#	2
Spatial channels	512
Slit height	6 mm
Slit width	20um
Camera Output	Camera Link Base

Spectrometer Specifications

Parameter	Value
Wavelength Range	400nm to 2600nm
Spatial Channels	512
Working distance	350mm but can be increase and decrease with Objective change
Size (LxWxH)	300mm x 170mm x 125mm
Weight	6500 g
Power	12V, 10W