SWIR512 Spectrograph Specifications

Parameter	Value
Wavelength range	900 to 2600 nm
CCD Dispersion Length	9.6 mm (640 pixels)
Dispersion	177 nm/mm
Resolution	2.7 nm/pixel (15 micron pixel)
Optical Resolution (FWHM)	4nm with 20um Slit
F/#	2.4
Spatial Channels	512
Slit height	8 mm
Slit width	20 microns
Size	240mm x 140mm x 116mm

AIRs 640x512 MCT Camera Core Specifications

Parameter	Value
CCD	MCT
Pixels	640 x 512
Pixel size	15um
WL range	850 to 2600nm
QE	73% @ 1700nm
Max Frame Rate	120Hz
Cooling	AIM SF-030, 180K Linear Cooler (5 min. cool down time)
Output	CameraLink Base, 16bit

