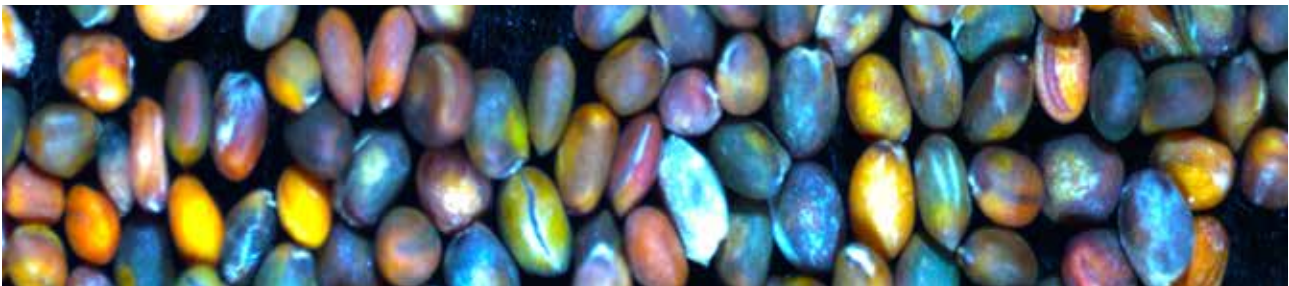


HySpex VNIR-1024

The HySpex VNIR-1024 hyperspectral camera is developed for field, laboratory, and airborne applications. HySpex VNIR-1024 combines extreme acquisition speeds with no compromise on the data quality. The high frame rate makes VNIR-1024 an ideal camera for low altitude flights or other applications where high frame rates and high radiometric accuracy is required. Like all HySpex cameras, HySpex VNIR-1024 is rigorously tested and calibrated to traceable standards during production. A wide range of close-up lenses allows the use of the camera at working distances ranging from a few centimeters with a spatial resolution of 42 μm , to infinity e.g. airborne remote sensing.



MAIN SPECIFICATIONS	
Spectral range	400-1000 nm
Spatial pixels	1024
Spectral channels	108
Spectral sampling	5.4 nm
FOV*	16.1°
Pixel FOV across/along*	0.28/0.56 mrad
Bit resolution	14 bit
Noise floor	11 e-
Dynamic range	3400
Peak SNR (at full resolution)	> 330
Max speed (at full resolution)	690 fps
Power consumption	6 W
Dimensions (l-w-h)	30.5-9.9-15 cm
Weight	4.2 kg
Camera Interface	CameraLink

*Can be doubled with FOV expander