

HySpex VNIR-1024

HySpex VNIR-1024 is the smallest of the HySpex cameras. The very high frame rate and increased sensitivity in the near-IR region makes it ideal in a wide range of applications.



VNIR close-up lenses make it possible to employ the camera in applications involving shorter object distances. Data for the VNIR close-up lenses may be found on the HySpex VNIR lens specifications.



Flight line with vegetation enhanced in red to the right.

Main specifications

Spectral range	400 – 1000 nm
Spatial pixels	1024
Spectral bands	108
Spectral sampling	5.4 nm
FOV	16°
Pixel FOV across/along	0.28/0.56 mrad
Bit resolution	12bit
Noise floor	11e ⁻
Dynamic range	3400
Peak SNR (at full resolution)	> 330
Max speed	690 fps
Power consumption	30 W
Dimensions (l-w-h)	30.5– 9.9 – 15 cm
Weight	4.2 kg