

RESONON

AIRBORNE HYPERSPECTRAL IMAGING SYSTEMS



DELIVERING GEOREGISTERED HYPERSPECTRAL DATA

Complete Hyperspectral Imaging Systems for Airborne Remote Sensing



SYSTEM COMPONENTS

- ◆ Hyperspectral Imaging Camera
- ◆ Data Acquisition Unit
- ◆ GPS/IMU & Georectification Software
- ◆ Post-Processing & Analytical Software
- ◆ System Mounts for UAV's and Piloted Aircraft
- ◆ Radiometric Calibration
- ◆ Calibration Target
- ◆ Protective Travel Case

Multiple options are available. Please contact us to discuss your requirements.

HYPERSPECTRAL CAMERA OPTIONS

	Pika L	Pika XC2	Pika NIR-640	Pika NIR-320	Pika NUV2
Spectral Range (nm)	400 – 1000	400 – 1000	900-1700	900 – 1700	330 – 800
Spectral Channels	281	447	328	164	255
Spectral Sampling (nm)	2.1	1.3	2.5	4.9	1.8
Spectral Resolution – FWHM (nm)	3.7	2.3	5.3	9.7	3.2
Spatial Pixels	900	1600	640	320	1500
Maximum Frame Rate (fps)	249	165	249	520	142
Imager Weight, w/lens (kg)	0.75	2.57	3.21	3.21	2.39
Complete System Weight (kg)	1.55	3.37	4.31	4.31	3.19

PIKA L AIRBORNE SYSTEM



PIKA XC2 AIRBORNE SYSTEM



PIKA NIR AIRBORNE SYSTEM

