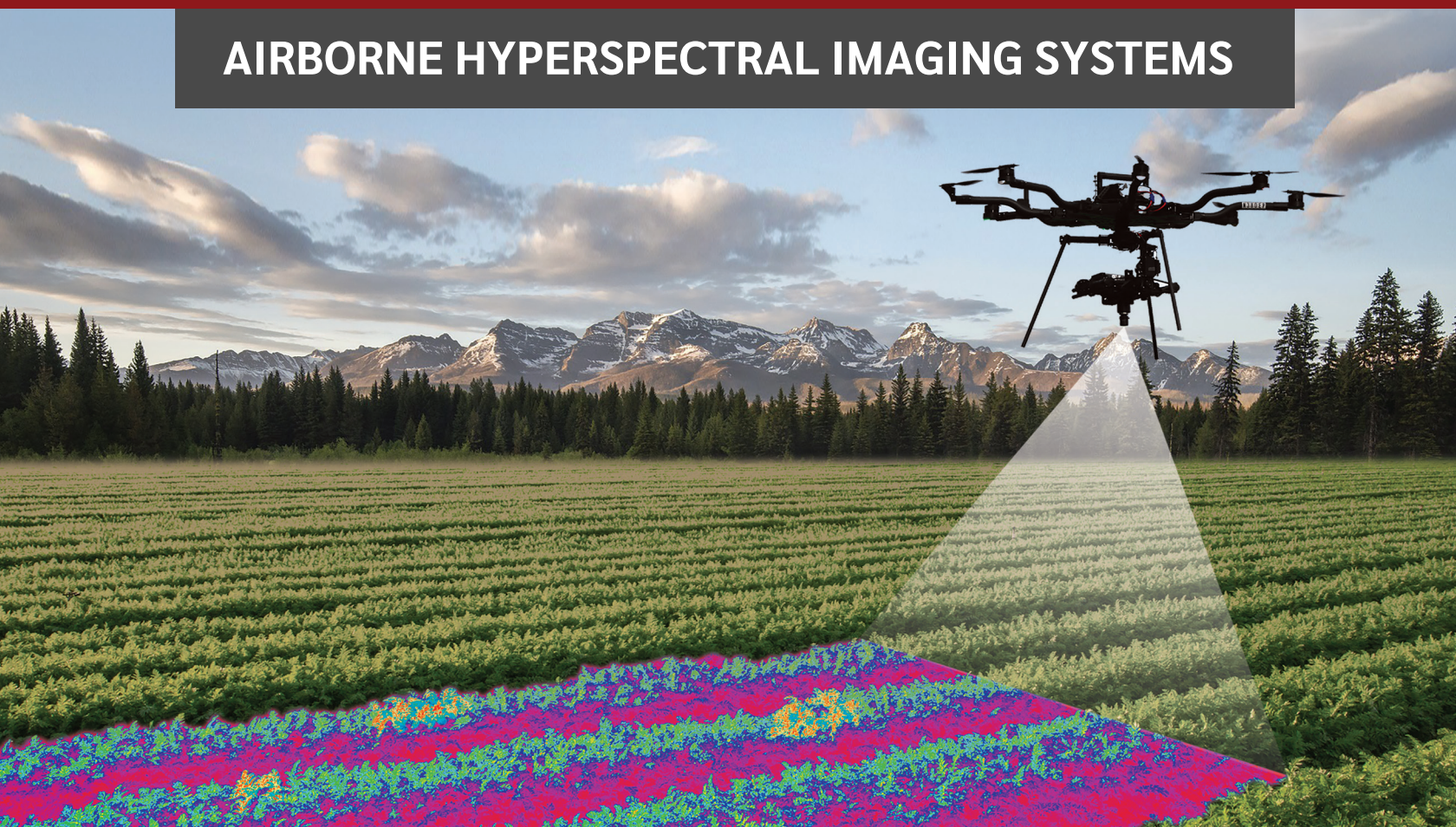


RESONON

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.

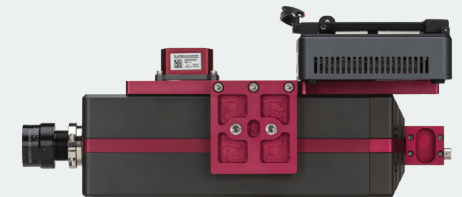
HYPERSPECTRAL CAMERA OPTIONS

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

PIKA L AIRBORNE SYSTEM



PIKA XC2 AIRBORNE SYSTEM



PIKA NIR AIRBORNE SYSTEM

