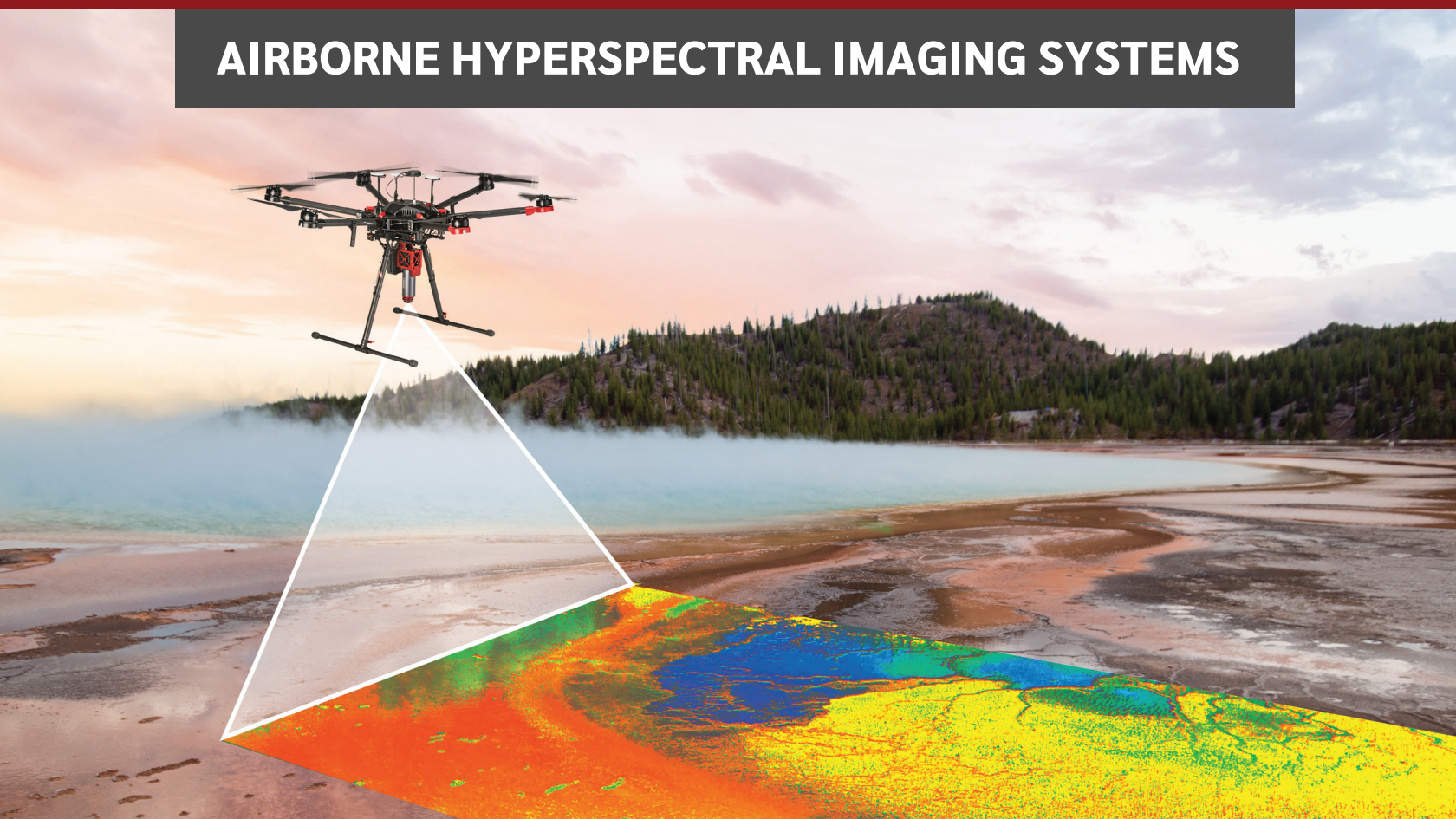


RESONON

AIRBORNE HYPERSPECTRAL IMAGING SYSTEMS



DELIVERING GEOREGISTERED HYPERSPECTRAL DATA

Complete Hyperspectral Imaging Systems for Airborne Remote Sensing



SYSTEM COMPONENTS

- ◆ Hyperspectral Imaging Camera
- ◆ Data Acquisition Unit
- ◆ Ellipse N GPS/IMU
- ◆ Georectification Software
- ◆ Post-Processing & Analytical Software
- ◆ System Mounts for UAV's or Piloted Aircraft
- ◆ Radiometric Calibration & Calibration Target
- ◆ Optional RTK for Centimeter-Scale Positioning

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

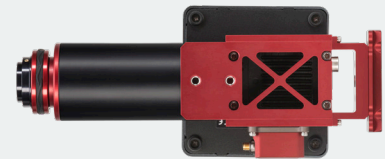
HYPERSPECTRAL CAMERA OPTIONS

	Pika L	Pika XC2	Pika IR	Pika IR+	Pika IR-L	Pika IR-L+	Pika UV
Spectral Range (nm)	400 – 1000	400 – 1000	900 – 1700	900-1700	925 – 1700	925-1700	330 – 800
Spectral Channels	281	447	164	328	236	470	255
Spectral Bandwidth (nm)	2.1	1.3	4.9	2.4	3.3	1.7	1.8
Spectral Resolution – FWHM (nm)	3.3	1.9	8.8	5.6	5.9	3.8	2.8
Spatial Pixels	900	1600	320	640	320	640	1500
Maximum Frame Rate (fps)	249	165	521	250	364	176	142
Imager Weight, without lens (kg)	0.64	2.51	2.96	2.96	1.01	1.01	2.27
Complete System Weight (kg)	1.83	3.84	4.33	4.33	2.23	2.23	3.60

PIKA L AIRBORNE SYSTEM



PIKA IR-L / IR-L+ AIRBORNE SYSTEM



PIKA XC2 AIRBORNE SYSTEM

