

RESONON

AIRBORNE HYPERSPECTRAL IMAGING SYSTEMS



COMPLETE HYPERSPECTRAL IMAGING SYSTEMS FOR AIRBORNE REMOTE SENSING

Resonon's hyperspectral airborne systems contain all hardware and software necessary to acquire and analyze georegistered hyperspectral data.



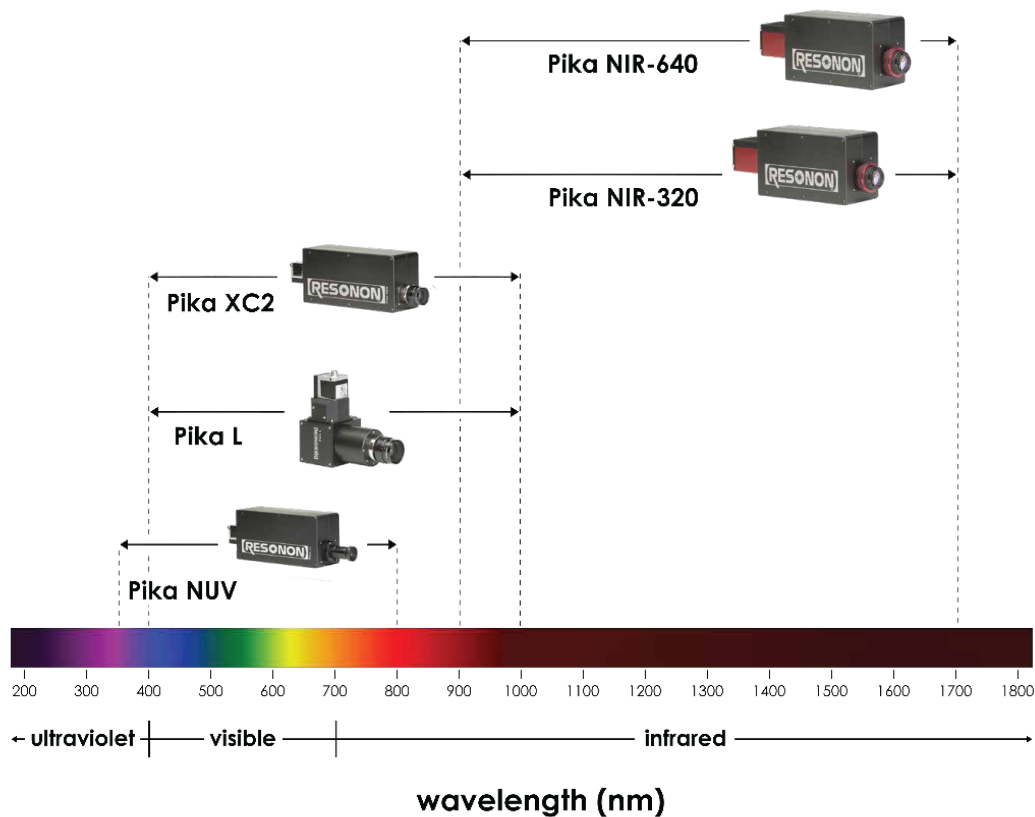
SYSTEM COMPONENTS

- ◆ Hyperspectral imaging camera
- ◆ Objective lens
- ◆ Data acquisition computer & software
- ◆ GPS/IMU georectification software
- ◆ System mount for UAV's or manned aircraft
- ◆ Radiometric calibration
- ◆ Calibration tarp
- ◆ Travel case

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

HYPERSPECTRAL CAMERA OPTIONS

	Pika L	Pika XC2	Pika NIR-320	Pika NIR-640
Spectral Range (nm)	400 – 1000	400 – 1000	900 – 1700	900-1700
Spectral Resolution (nm)	2.1	1.3	4.9	2.5
Spectral Channels	281	447	164	328
Spatial Channels	900	1600	320	640
Max Frame Rate (fps)	249	165	520	249
Imager Weight (kg)	0.6	2.2	2.7	2.7
Complete System Weight (kg)	1.5	3.1	4.0	4.0



Sample data and hyperspectral analysis software are available for free download at www.downloads.resonon.com.
A C++ software development kit is available for direct control of our hyperspectral cameras.

