

RESONON

HYPERSPECTRAL IMAGING CAMERAS

For laboratory, outdoor, industrial, and remote sensing applications.
Our hyperspectral cameras are easy to use and provide excellent image quality.



PIKA XC2

400 - 1000 nm

High-performance VNIR hyperspectral imager with high spatial and spectral resolutions and superior image quality.



PIKA L

400 - 1000 nm

Lightweight and compact VNIR hyperspectral imager, ideal for airborne remote sensing applications.



PIKA NIR-640

900 - 1700 nm

High-precision infrared hyperspectral imager. High spatial and spectral resolutions.



PIKA NIR-320

900 - 1700 nm

Infrared hyperspectral camera. Affordable and fast (up to 520 fps).



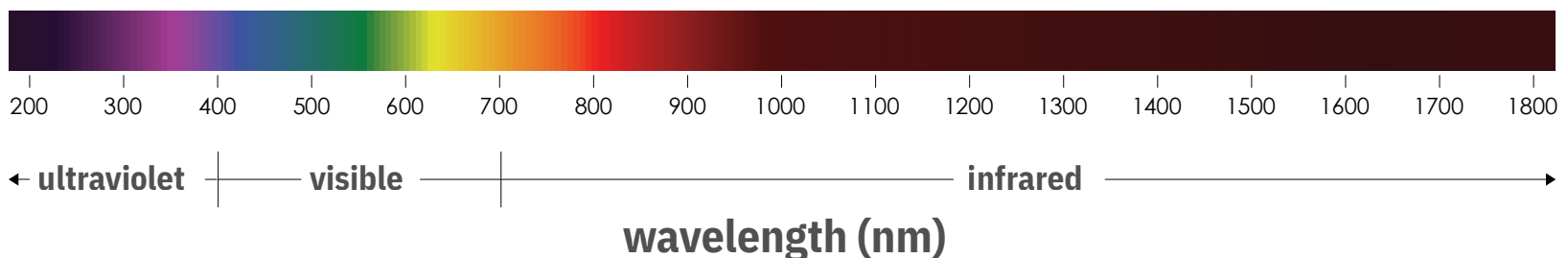
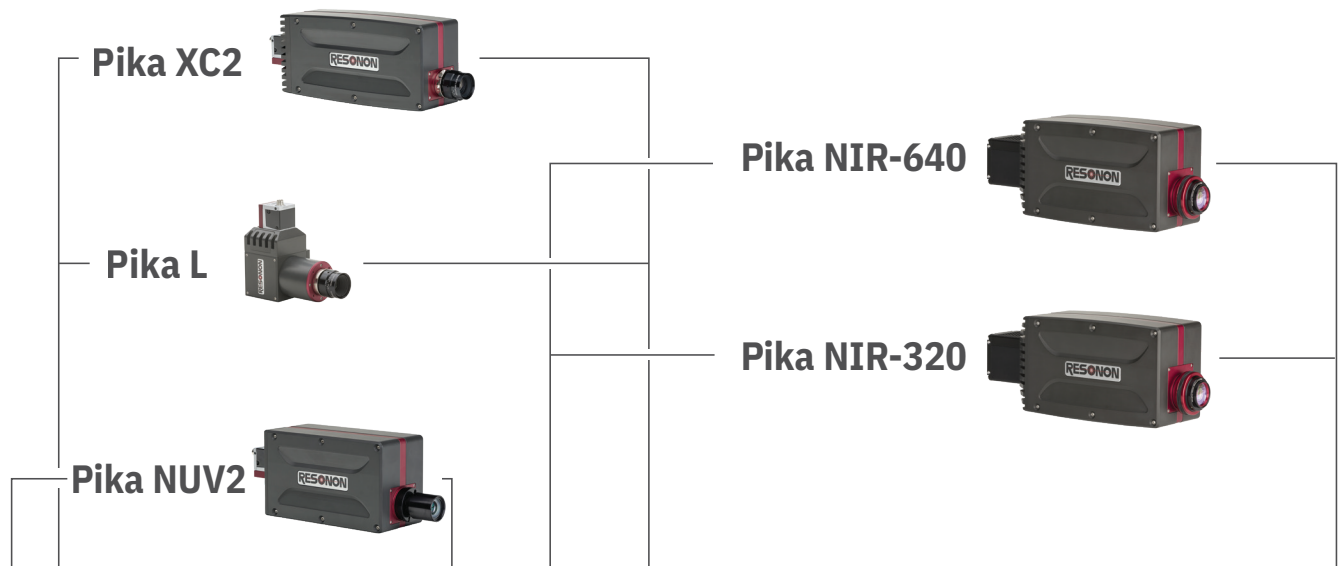
PIKA NUV2

330 - 800 nm

Near-ultraviolet hyperspectral imager. Includes custom objective lens optimized for ultraviolet imaging.

IMAGER SPECIFICATIONS

	Pika XC2	Pika L	Pika NIR-640	Pika NIR-320	Pika NUV2
Spectral Range (nm)	400 -1000	400 – 1000	900-1700	900 – 1700	330 – 800
Spectral Channels	447	281	328	164	253
Spectral Bandwidth (nm)	1.3	2.1	2.5	4.9	1.9
Spectral Resolution – FWHM (nm)	1.9	3.3	5.6	8.8	2.8
Spatial Pixels	1600	900	640	320	1500
Maximum Frame Rate (fps)	165	249	249	520	142
f/#	2.4	2.4	1.8	1.8	2.8
Interface	USB3.0	USB3.0	GigE	GigE	USB3.0
Dimensions (cm)	27.0 x 10.5 x 7.6	12.4 x 10.5 x 6.7	27.0 x 11.4 x 8.9	27.0 x 11.4 x 8.9	23.0 x 10.7 x 8.5
Weight, w/lens (kg)	2.57	0.75	3.21	3.21	2.27



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.