

PIKA NIR

InfraRed Spectral Imager

The Resonon Pika NIR is a cost-effective, line-scan imaging spectrometer for the 900 – 1,700 nm spectral range.

The system includes an embedded InGaAs camera, interchangeable C-mount objective lens, and SpectrononPro data acquisition software for plug-and-play operation.

Rotational or linear desktop scanning stages are offered as options that integrate seamlessly with Resonon's SpectrononPro data acquisition software.



Property	Specification
Spectral Range	900 – 1,700 nm [†]
Spectral Resolution	5.4 nm
Spectral Channels	148
Weight	3.25 lbs
Dimensions	4 x 9 x 3 inches
Interface	USB
Average RMS Spot Radius	15 μ m
Cross-track channels	320
F/#	f/2
Smile	< 2 μ m
Keystone	< 3 μ m
Bit Depth and Frame Rate	14 bits @ 120 fps
Options	Rotational or linear integrated scanning
Software	SpectrononPro Hyperspectral data acquisition & analysis
Hardware	Reputable vendor workstation level computer. See: http://www.resonon.com/spectronon-requirements.html

[†]Spectral range within + / - 5 nm.