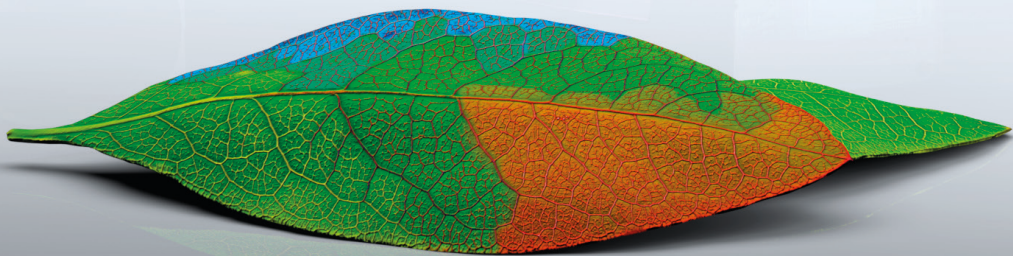
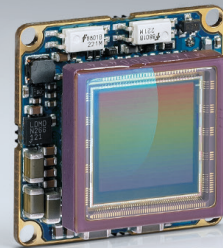
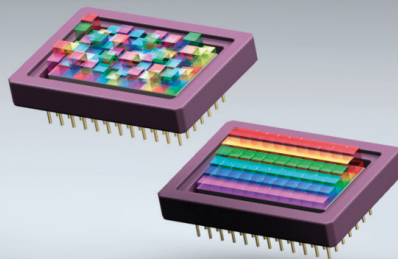


# Hyperspectral imaging cameras

ximea

linescan and snapshot • 16 to 150 bands • 170 frames/sec

in partnership with



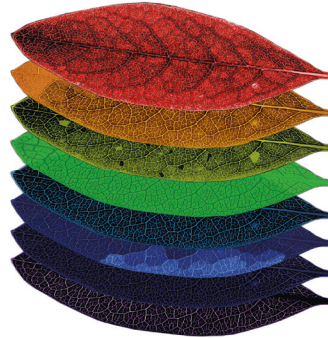
# xiSpec

USB3 Vision hyperspectral cameras

# xiSpec - hyperspectral imaging cameras

**xiSpec** is a family of miniature Hyperspectral Imaging (HSI) cameras for advanced applications:

- Precision Agriculture
- Medical Imaging
- Remote Sensing
- Life science instrumentation
- Microscopy and Endoscopy
- Mineralogy
- Environmental Monitoring
- Food inspection
- Optical sorting

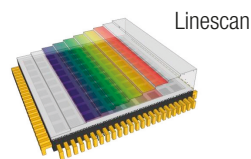


## Sensors and models:

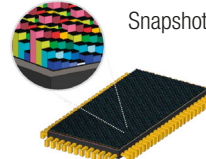
Model	Type	Spectral range [nm]	Bands	Availability
MQ022HG-IM-LS100-NIR	Linescan	600-975	100+	now
MQ022HG-IM-LS150-VISNIR	Linescan	470-900 <sup>1)</sup>	150+	coming soon
MQ022HG-IM-SM4X4-VIS	Snapshot Mosaic	470-630	16	now
MQ022HG-IM-SM5X5-NIR	Snapshot Mosaic	600-975 (typically 600-950/975) <sup>2)</sup>	25	Now

**Note 1:** Planned

**Note 2:** Sensor specific, let's talk about your requirements



Linescan



Snapshot Mosaic

- The sensor technology used in our HSI-cameras is based on standard CMOS area sensors, with a native resolution of 2048\*1088 pixels.
- Hyper spectral filters are added at wafer-level on top of the pixel structure of the sensor.
- All xiSpec cameras can be used with an UAV / drone. The weight of the camera is about 32g (without lens). It's the smallest and lightweight hyperspectral imaging camera, with an incredible low power consumption.
- An image stream of up to 170 full frame images can be delivered.

## Starter kits:

Starter kits including lenses, filters, cables, and a Lite Diffuse Reflectance target are available.

## Compatibility:

Standard **Windows, Linux & MacOS** operation systems • USB3.0 • GenICam / GenTL • Single SDK/API for all XIMEA camera models. Compatible with the widest range of vision libraries. Please check website for up-to-date list!

## Contact:

Please visit [ximea.com](http://ximea.com) for complete product information.

E-mail our sales team at [sales@ximea.com](mailto:sales@ximea.com) for your price and further information.



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