

**SMALL, UNCOOLED InGaAs
LINE-SCAN CAMERA WITH
RECTANGULAR PIXELS**

Lynx R Series

Line-scan SWIR Camera with 1024 or 2048 pixel resolutions



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RECTANGULAR PIXELS*

KEY FEATURES

- ◆ High speed line-scan imaging up to 40 kHz
- ◆ High resolution 1024 or 2048 Rectangular pixels option
- ◆ CameraLink or GigE Vision interfacing
- ◆ Used in spectroscopy, optical fibre monitoring, LIDAR sensing and spectral-domain optical coherence tomography

The Lynx R series, based on an in-house developed linear InGaAs detector, is a high-performance short-wave infrared (SWIR) camera providing high speed and quality line-scan imaging. The Lynx R cameras are able to image line rates up to 40 kHz, for demanding spectroscopy applications. The camera comes with an industry standard CameraLink or GigE Vision interface.

Lynx R Series

EU based supplier



KEY PERFORMANCES

Sensor format/Pixel pitch	1024 or 2048 pixels/12.5 μm
Detector type	InGaAs photodiode array with CTIA ROIC
Integration type	Snapshot - global shutter
Spectral range	900 nm - 1700 nm
Max line rate	10 kHz or 40 kHz
Power consumption	3.9 W (CL); 6.3 W (GigE)
Power supply voltage	DC 12 V

FUNCTIONS & INTERFACES

Command and control	CameraLink Base or GigE Vision
Connector trigger	SMA
Camera dimensions (width x height x length)	49 mm x 49 mm x 53 mm (CL); 49 mm x 49 mm x 71 mm (GigE)
Optical interface	C-mount or M42 (M42 to F-mount adapter optional)
Camera Weight	153 gr (CL); 208 gr (GigE)

PRODUCT SELECTOR GUIDE

XEN-000431	Lynx 1024 R CL
XEN-000432	Lynx 1024 R GigE
XEN-000433	Lynx 2048 R CL
XEN-000434	Lynx 2048 R GigE

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