

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

Xenics
EXOSENS GROUP

Lynx R Series



*SMALL , HIGH PERFORMANCE InGaAs MODULE
WITH HIGH IMAGE RESOLUTION*

KEY FEATURES



**HIGH SPEED LINE-SCAN
IMAGING UP TO 40 kHz**



**HIGH RESOLUTION 102/2048
RECTANGULAR PIXELS OPTION**



INDUSTRY STANDARD INTERFACES

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



KEY PERFORMANCES

Image format / Pixel pitch	1024 or 2048 pixels/12.5 μ m
Detector type	InGaAs photodiode array with CTIA ROIC
Integration type	Snapshot - global shutter
Spectral range	900 - 1700 nm
Max line rate	10 kHz (2048 pixels) or 40 kHz (1024 pixels)
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)

advancedimaging@exosens.com



exosens.com

EXOSENS
REVEAL THE INVISIBLE

© Xenics. The information furnished is believed to be accurate and reliable, but is not guaranteed and is subject to change without notice. No liability is assumed by Xenics nor by any Exosens Group companies. Performance data represents typical characteristics as individual product performance may vary. Customers should verify that they have the most current Xenics product information before placing orders. Texts and pictures may not be considered as contractually binding. This document may not be reproduced, in whole or in part, without the prior written consent of Xenics.