LINE-SCAN SWIR CAMERA WITH SQAURE PIXELS



# Lynx SQ Series



SMALL, UNCOOLED InGaAs LINE-SCAN CAMERA WITH SQUARE PIXELS

### **KEY FEATURES**

HIGH SPEED LINE-SCAN IMAGING UP TO 40 kHz

HIGH RESOLUTION 512/1024/2048 SQUARE PIXELS OPTION



**INDUSTRY STANDARD INTERFACES** 

The Lynx square (SQ) series, based on an inhouse developed linear InGaAs detector, offer affordable short-wave infrared (SWIR) line-scan imagers. Depending on your imaging requirements, three resolutions of 512, 1024, or 2048 pixels are offered. The cameras have standard on-board image correction featuring non-uniformity correction (NUC), bad pixel replacement (BPR) and gain control. For more info on other image enhancement features, contact our sales department.

\*\*\*

## Lynx SQ Series



#### **KEY PERFORMANCES**

Sensor format / Pixel pitch	512, 1024 or 2048 pixels/ 12.5 or 25 μm
Detector type	InGaAs photodiode array with CTIA ROIC
Integration type	Snapshot - global shutter
Spectral range	900 - 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-000633 (Lynx 512 SQ CL)	XEN-000309 (Lynx 512 SQ GigE)
XEN-000313 (Lynx 1024 SQ CL)	XEN-000310 (Lynx 1024 SQ GigE)
XEN-000314 (Lynx 2048 SQ CL)	XEN-000311 (Lynx 2048 SQ GigE)

advancedimaging@exosens.com



in 🗶 f 🛗 exosens.com



© 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.