

LINE-SCAN SWIR CAMERA
WITH SQUARE PIXELS



Lynx SQ Series

Line-scan SWIR camera with 512, 1024 and 2048 resolution



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

KEY FEATURES

- ◆ CameraLink or GigE Vision interfacing
- ◆ High resolution
- ◆ High speed line-scan imaging up to 40 kHz for demanding machine vision applications

The Lynx square (SQ) series, based on an in-house 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

EU based supplier



KEY PERFORMANCES

Sensor format/Pixel pitch	512, 1024 or 2048 pixels/ 12.5 or 25 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 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 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)

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