SMALL, UNCOOLED InGaAs LINE-SCAN CAMERA WITH RECTANGULAR PIXELS

Lynx R Series

SMALL , HIGH PERFOMANCE 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 µm
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)

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