



LiSaSWIR 2048

SWIR Line-scan array camera

2048x1 Pixels Resolution 8x15 μ m Pitch
Short-wave Infrared Imaging up to 1700nm
High-speed >100kHz Full Frame
Read-out noise <85e-

▶ Key Features

- ☐ Line-scan array
- ☐ High QE InGaAs from 900nm to 1700nm
- ☐ 2K Resolution: 2048*1 pixels
- ☐ Bad Pixels Replacement and embedded Non Uniformity Correction
- ☐ CameraLink interface
- ☐ GenICam compliant (Smart)

▶ Applications

- ☐ Solar panel inspection
- ☐ Wafer & semiconductor inspection
- ☐ Hot Glass inspection
- ☐ Process Sorting (food, waste,...)
- ☐ Optical Coherence Tomography (OCT)

Imagine yours...

▶ Preliminary Technical Specifications

Sensor	NSC2301T-SI	Frame rate	>110kHz Full resolution
Material	InGaAs	Integration Time	1µs Minimum
Resolution	2048 x 1 pixels	Trigger	Internal/External (LVTTTL) Software Trigger Trigger over Cameralink
Pixel size	8 µm x 15 µm	Trigger delay	User-Selectable
Spectral response	0.9 to 1.7 µm	Dimensions	35.4 * 75 * 68mm
Response	Linear Low, Medium & High Gain	Weight	<280g
Read-out noise	<90e- (High Gain) <370e- (Medium Gain) <2200e- (Low Gain)	Lens mount	C-Mount native
Modes	ITR, IWR, ROI	Operating Temp	-40°C to + 71 °C
QE	>80%	Output	CameraLink Base
		Control	Genicam / GenCP

Products and specifications are subject to change without notice.

OEM version available on demand

Sensors
Cameras



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