



LiSaSWIR

SWIR Line-scan array camera

2048x1 Pixels Resolution 7.5 μ m Pitch
Near Infrared Imaging up to 1700nm



► 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

► Applications

- ❑ Solar panel inspection
- ❑ Wafer & semiconductor inspection
- ❑ Hot Glass inspection
- ❑ Process Sorting (food, waste,...)

Imagine yours...

► Technical Specifications

Sensor	NSC1801T-SI	Frame rate	60kHz full frame
Material	InGaAs	Integration Time	10µs to 220ms
Resolution	2048 x 1pixels	Trigger	IN/OUT (LVTTTL-Hirose connector) IN through CC1 (CL interface)
Pixel size	7.5 µm x 7.5 µm	Trigger delay	Adjustable
Spectral response	0.9 to 1.7 µm	Dimensions	46* 46 * 65.6 mm
Response	Linear	Weight	<250g
	Low, Medium & High Gain	Lens mount	C-Mount native
Read-out noise	250e- (High Gain) 450e- (Medium Gain) 4000e- (Low Gain)	Operating Temp	0°C to + 65 °C
Modes	ITR, ROI	Output	CameraLink
QE	>85%	GUI	NITLink

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