

SWIR-640GE

The SWIR-640GE camera is a short wave infrared camera made of InGaAs FPA. The spectrum response is from 900 to 1700 nm. It provides Automatic Gain Control (AGC), Bad Pixel Replacement (BPR) and Non Uniformity Correction (NUC).

Applications

- Semiconductor Wafer Inspection
- Solar Cell Inspection
- Machine Vision
- Laser Beam Profiling
- Camouflage Detection
- Fruit Inspection
- Aircraft De-icing
- Near Infrared Imaging
- Imaging Spectroscopy



Specifications

Detector	InGaAs
Spectral Range	0.9-1.7um
Resolution	640x512
Pixel Pitch	15um
Optical Interface	C-mount
Frame rate	30 Hz
Exposure time range	0.1-30ms
AD conversion Resolution	14 bit
Digital output	GigE Vision
Power supply	POE
Dimensions	62(W) x 62(H) x 88.3(L) mm