



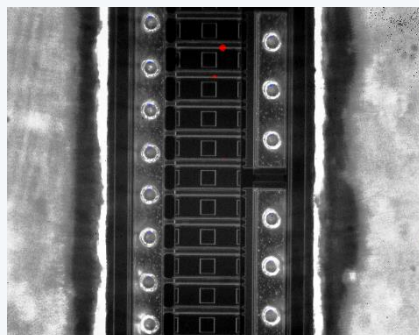
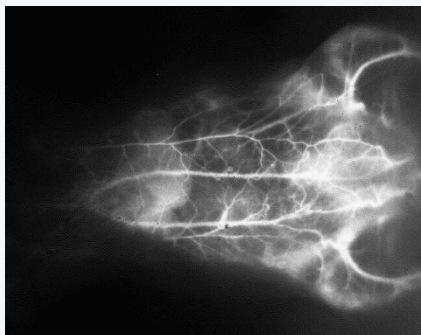
INS-Blue SWIR Camera

FEATURES

- On-board NUC, AGC
- Low Noise, Low Dark Current
- Cooling to -50°
- SDK Available

APPLICATIONS

- Living imaging
- Semiconductor inspection
- EMMI
- Astronomy



SPECIFICATIONS

Sensor Type	InGaAs Photodiode
Active Pixels	640*512
Pixel Size	15μm
Optical Fill Factor	100%
Spectral Response Range	0.9~1.7μm @RT
Pixel Operability	≥99.8%
Max Frame Rate	50Hz
Integration Time	≤1us-1min
Cooling temp	-50
Mean Pixel Dark Current	≤400e/s/pixel@-50℃
Dark Noise (RMS)	≤30e(hg)
Digital Output	14 bit
Output Interface	CameraLink or Ethernet
Power Supply	DC 12V
Power Dissipation	≤36W
Lens Mount	C-mount
Weight	<2kg
Dimensions	148mm*98mm*116.5mm
Operating Temperature	-0℃~+30℃

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