

# SXGA Infrared Compact Camera Core

## NIELS 12

High Resolution

Best SWAP-in-class

Low Noise

Versatile



SENS  
SIGHT



Vector



Surveillance



TWS

NIELS 12

# NIELS 12

NIELS 12 is the versatile Compact Camera Core from Senssight, the technology expert for thermal vision systems. Based on the SeeCube family, the proven hardware electronics of FullScale, it achieves market-leading performance in term of size, power and image quality.

NIELS 12 streamlines the integration of a cost-effective camera core into various thermal imaging solutions and allow our customers to focus on value-added integration.

- Resolution : SXGA 1280 x 1024 pixels

- Frame rate : 30 FPS

- Dimension : 32 x 32 mm

- HFoV : 50°, 30° or 15°

- NETD : < 50 mK standard

- Shutter : Built-in

- Interfaces : USB

- Sensor : LYNRED ATTO1280



## Calibrated Core provided with SDK supporting Thermography



- +/- 2°C precision
- Down to 20 mK NETD with processing
- Running on PC, Jetson...
- Advanced image enhancement

