

XGA Infrared Compact Camera Core

ERNEST 10

Ultra Compact

High Resolution

Versatile

Low Noise



SENS
SIGHT

ERNEST 10



Goggles



Drone



TWS

ERNEST 10

ERNEST 10 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.

ERNEST 10 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 : XGA 1024 x 768 pixels

Frame rate : 50 or 30 FPS

Dimension : 21 x 21 mm

HFoV* : 75°, 55°, 35° or 15°

NETD : < 65 mK standard

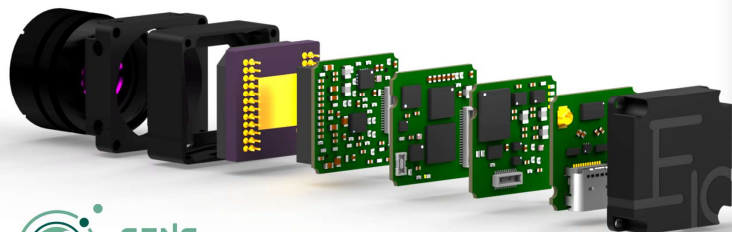
Shutter : Built-in

Interfaces : USB or MIPI

Sensor : LYNRED YOCTO1024

Production Capacity** : 2000 units per month

Capacity Ramp-up : 6 months



Calibrated Core provided with
SDK supporting Thermography



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



*Subject to change ** Subject to lens & sensor availability

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