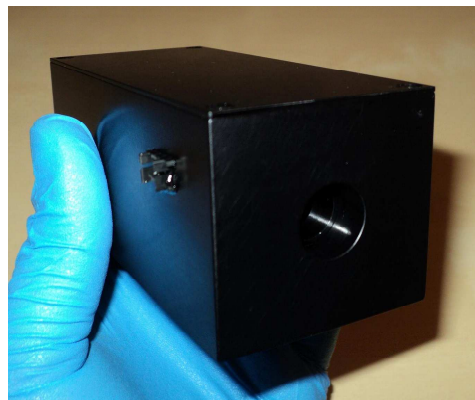




**THOTH** TECHNOLOGY, INC.

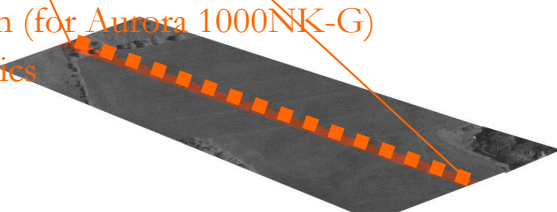
## Aurora 1000 Line-Scan Camera

- Miniature IR line-scan camera
- Uses space-heritage electronics
- Uses award-winning Argus technology
- Low 280 g mass
- Low 1 W power
- Easy to integrate
- Continuous cycle
- Adaptive exposure mode

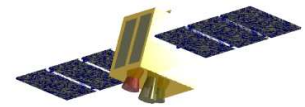


## Aircraft and Space Grade

- **Aurora 1000NK (UAV Grade)**
  - Qualified for flight on UAVs.
  - Pixel size 0.67 m altitude of 1 km (for Aurora 1000NK-G)
  - Includes ground station electronics
  - Includes PC display
- **Aurora 1000SK (Space Grade)**
  - Thermal vacuum and vibration tested for use in space
  - Images a swath of varying degrees from LEO
  - Includes ground-station electronics
  - Includes PC display



## Features



- IR range of 1000 nm -1700 nm (or extended range to 2500 nm).
- Indium Gallium Arsenide IR sensor with integrated optics.
- Available in a range of focus formats
- 15 mm aperture with 0.15° field of view.
- Programmable Peltier-effect cooler for enhanced noise performance.
- Programmable operating parameters, including integration time and co-adding settings.
- Prime and redundant serial interfaces RS232 protocol.
- Typical specifications: size 45x50x80mm, 280 g mass, 1 W power.

## Applications

- Digital imaging
- Thermal imaging
- Temperature sensing
- Process control
- Surface characterization
- Environment monitoring
- Agricultural monitoring
- Earthquake prediction



For further information please contact:

Thoth Technology Inc.

Algonquin Radio Observatory

Achray Road, RR6

Pembroke, ON K8A 6W7

Canada 

Tel: +1 (905) 713-2884

Email: [info@thoth.ca](mailto:info@thoth.ca)

Canadian Controlled Goods Registration: CGRP 020132.



[www.thoth.ca](http://www.thoth.ca)