

TERAHERTZ IMAGING & SPECTROSCOPY

LITHUANIAN-SLOVENIAN JOINT STOCK COMPANY

THz mini 4 THz mini 8

The most compact THz line camera

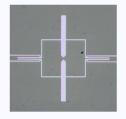






- **4** or 8 pixels Line
- **★** USB data and power supply
- **☆** 5V digital input
- Compact dimenisons 30 x 30 x 12mm
- 16 bit ADC
- **☆** 50 kHz sampling rate

- **∀** Various possible sensor configurations:
- Sensor raster 2mm, 2.5mm, 5mm
- **★** Bandwidth options 100, 300, 600GHz, Broadband
- **☆** Sensitivity > 200 kV/W
- \Rightarrow NEP < 20 pW/ $\sqrt{\text{Hz}}$





UAB LUVITERA© is Lithuanian – Slovenian joint company established as a result of successful cooperation between Center for Physical Sciences and Technology (LT), University of Ljubljana (SI), Center of Excellence "NAMASTE" (SI) and Science and Technology Park of Institute of Physics (LT).

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