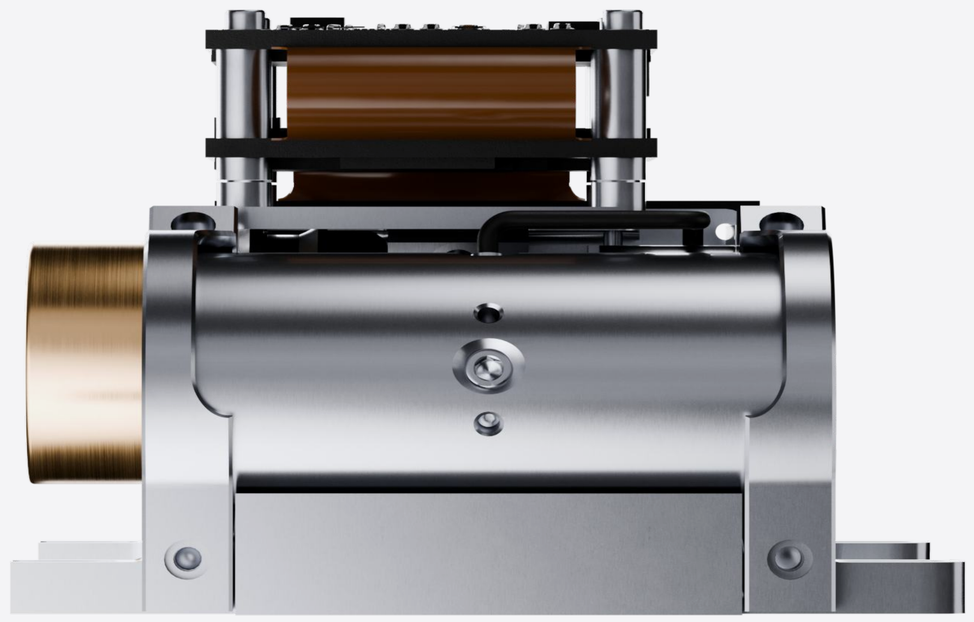
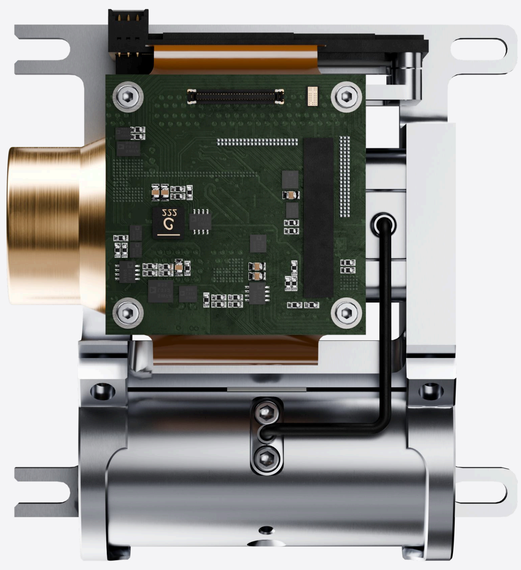
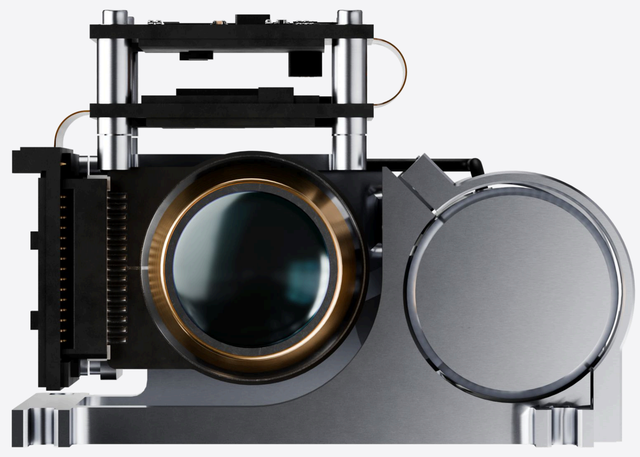
IRnova

T2SL
Hnoss 330 SL

The split linear version of the Hnoss 330 is a marvel of engineering: small, silent, and with the same exceptional gas imaging capability as its rotary cooler sibling. Prepare to be amazed.







Description

The Hnoss 330 SL is identical to the Hnoss 330 SWaP VOC detector, but equipped with a high-quality split linear cooler. Its shorter length makes it suitable for drone gimbal mounting, to spot leaks from above, while the well-known reliability of split linear coolers ensures a long lifetime.

Applications

- Optical gas imaging for any gas with absorption in the 3.3 µm range
- Optimized for detection of methane, ethane, propane and other VOC gases
- Handheld and battery powered cameras
- Gimbal mounting for drones

General information

Application: Gas & pollution detection

Format: 640x512

Technology: T2SL

Pixel pitch: 15 µm

Typical detector performance

Spectral range: 3.2 - 3.4 µm

Pixel operability: 99.9 %

F number options: F/1.2

MTF: 62 %
@ Nyquist frequency

NETD: 16 mK @ F/1.2, 30 Hz

Proximity electronics

Supply voltage: 5 V

Electrical interfaces: Camera Link
Cooler control and proximity electronics included

Maximum frame rate: 60 Hz
120 Hz optional

IDDCA Parameters

Cooler options: K588, SX020

Weight: 340 g

Power consumption: 2 W
Without proximity electronics

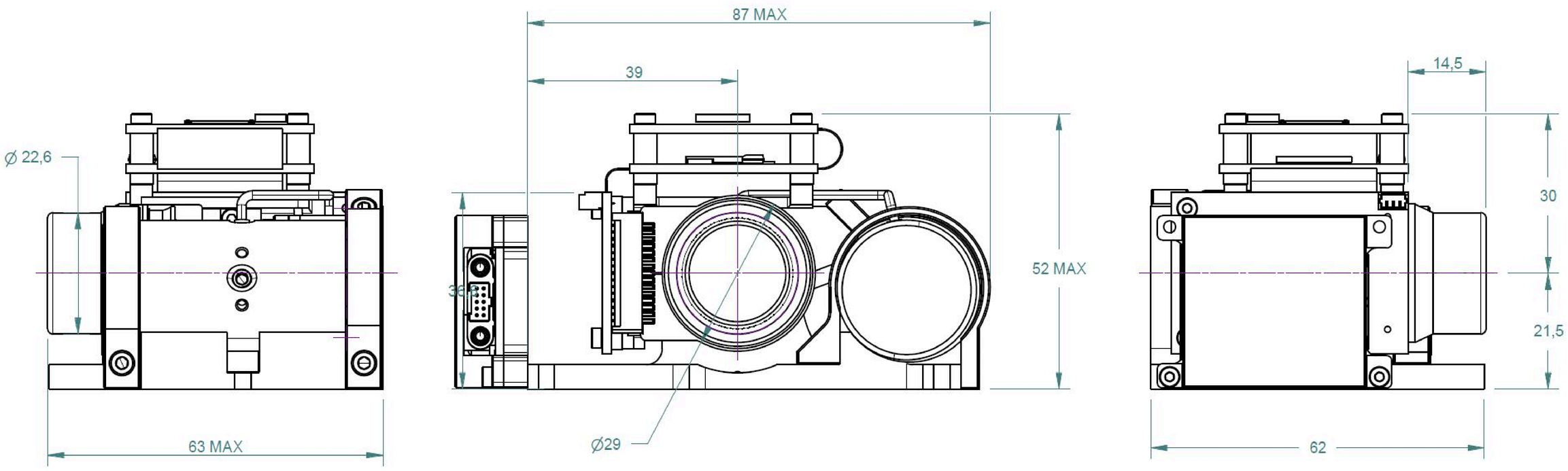
Dimensions: 87x63x52 mm

Cool down time: 3.5 min

Cooler MTTF: 30 000 h

Cooler voltage: 12 V

Environmental conditions: MIL-STD-810



Technical characteristics described above are not contractual and may change without prior notice. This is revision 1.0