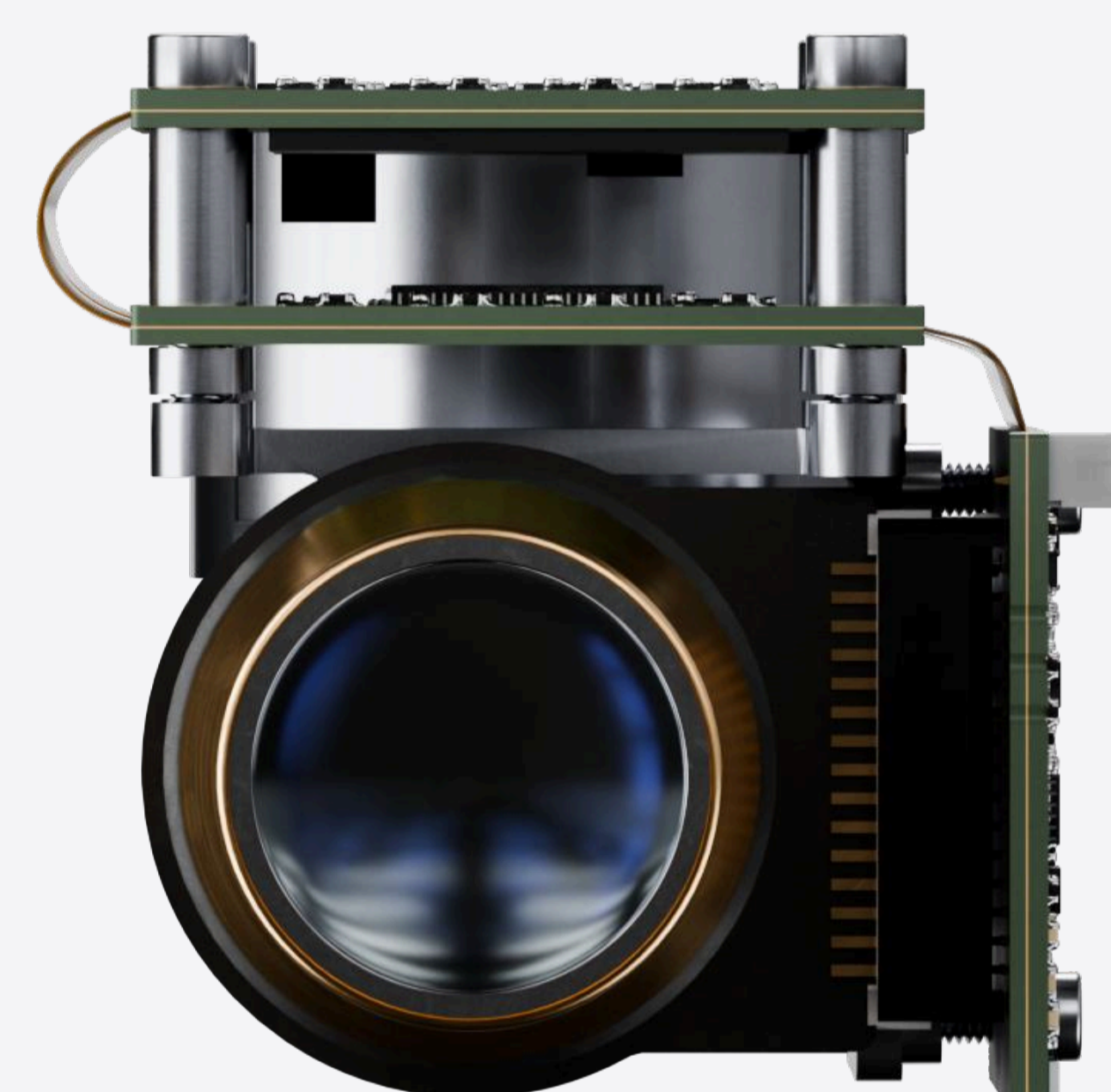
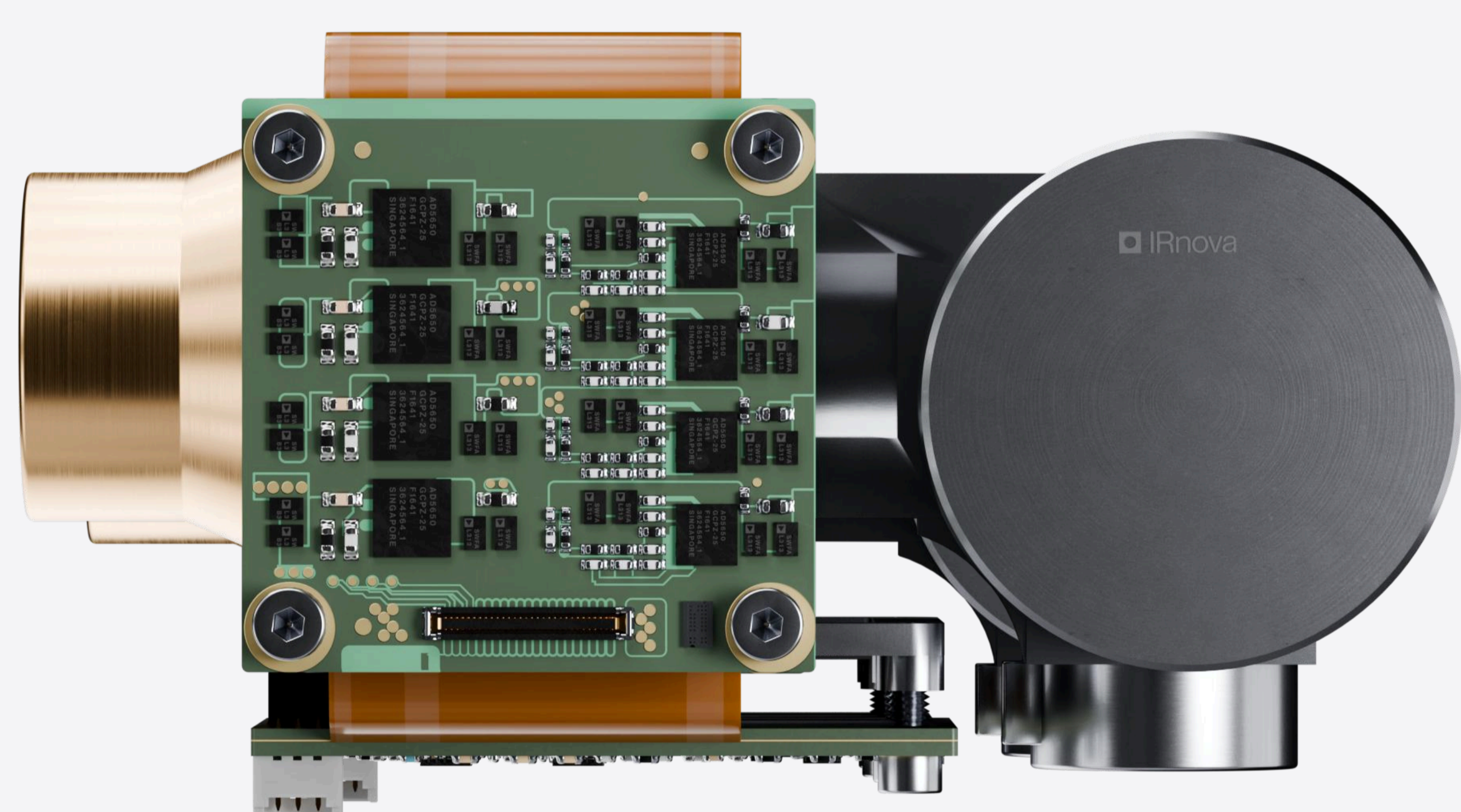
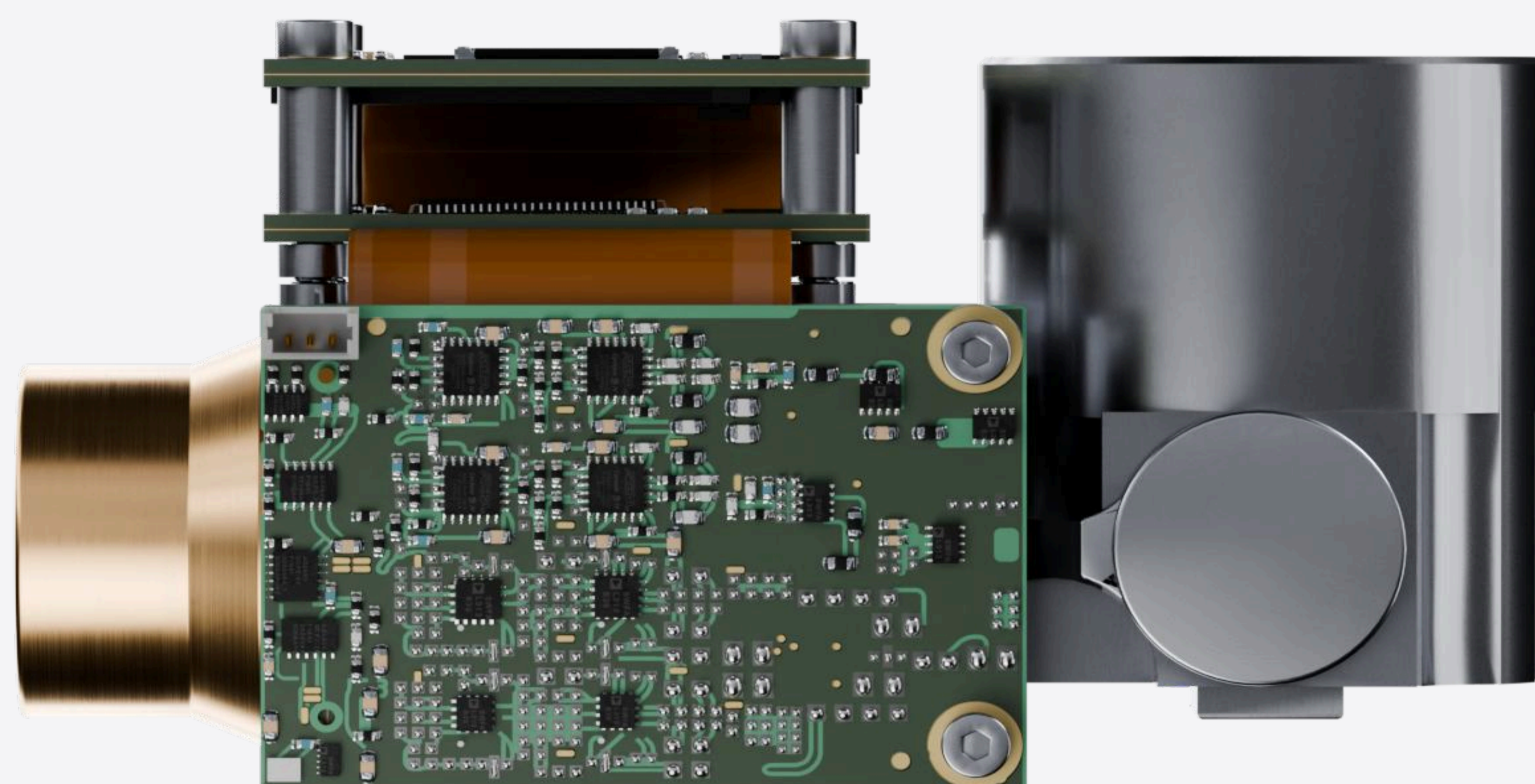


T2SL Hnoss 330

The Hnoss 330 brings SWaP to the world of optical gas imaging. Its world-leading T2SL technology allows for a small form factor and low power consumption while maintaining an astoundingly crisp image in full VGA resolution.



Description

The Hnoss 330 is a modern SWaP (size, weight and power) detector for imaging VOC gases such as methane and propane, as well as vapors from liquids such as ethanol and benzene. Thanks to its small size and low weight, it is extra suitable for handheld operation, to quickly and efficiently scan large areas for leaks.

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

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

Maximum frame rate: 60 Hz
120 Hz optional

Cooler control and proximity
electronics included

IDDCA Parameters

Cooler options: RMs1, K580

Weight: 250 g

Power consumption: 2 W
Without proximity electronics

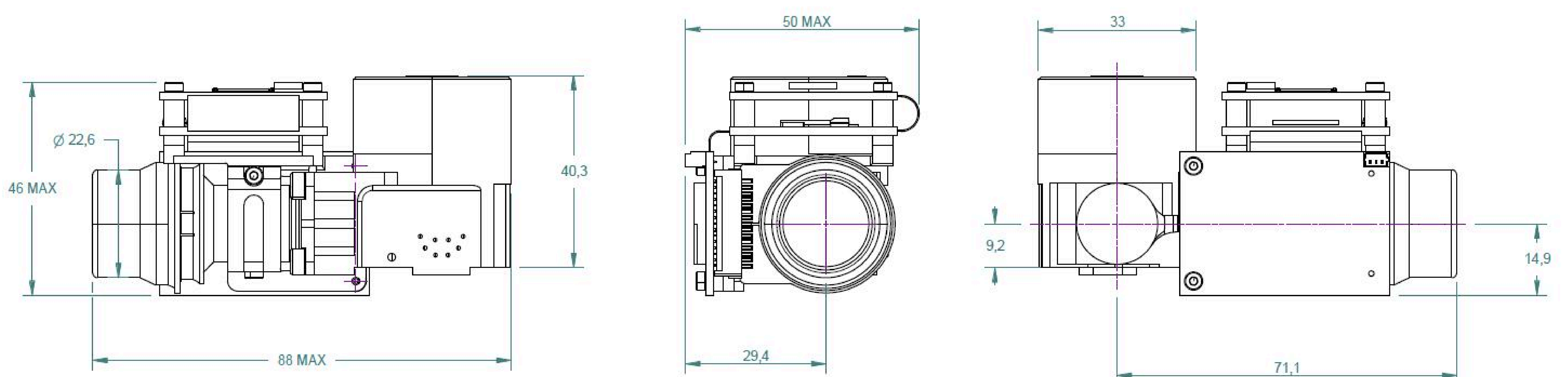
Dimensions: 88x50x46 mm

Cool down time: 3.5 min

Cooler MTTF: 12 500 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