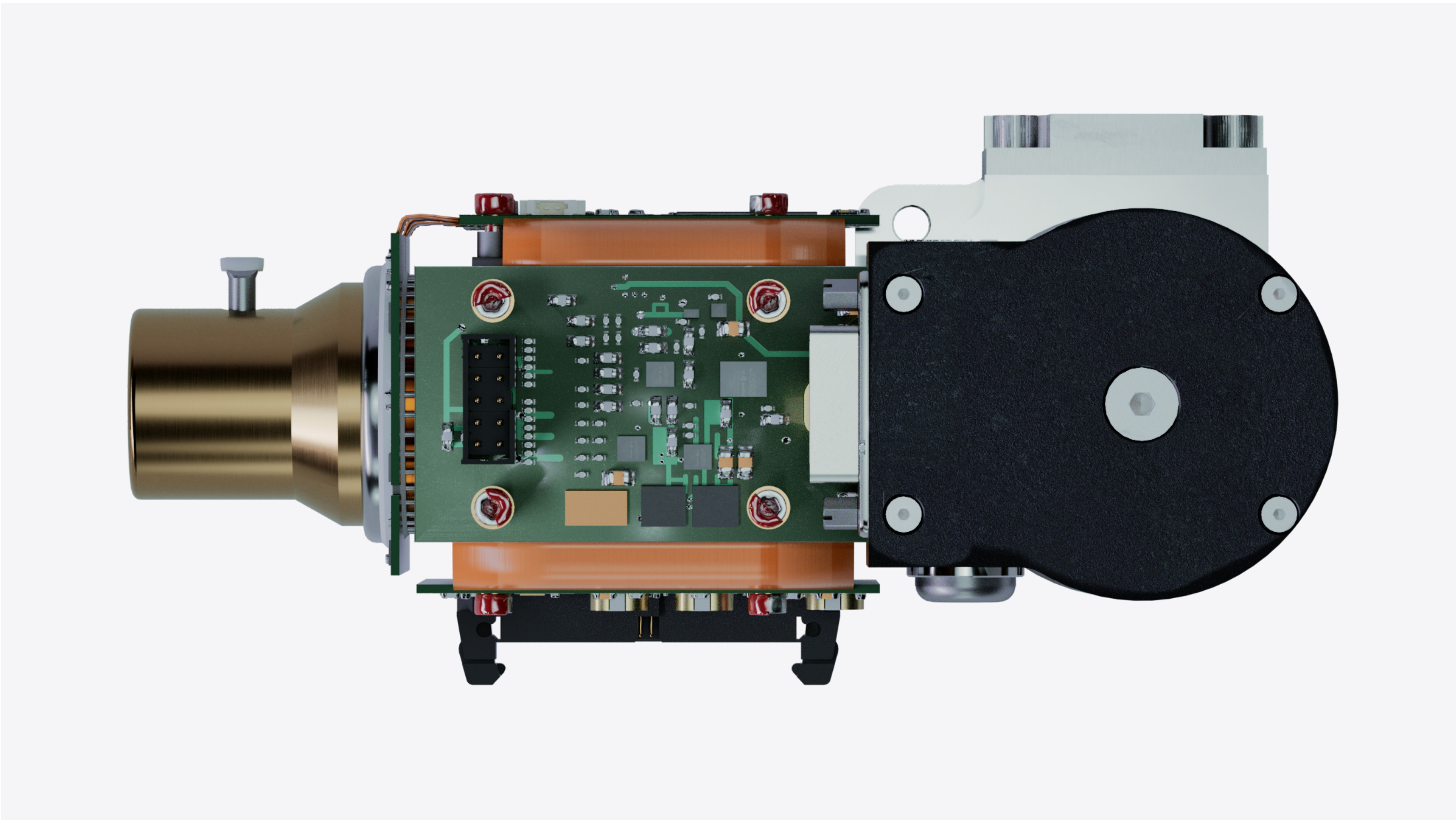
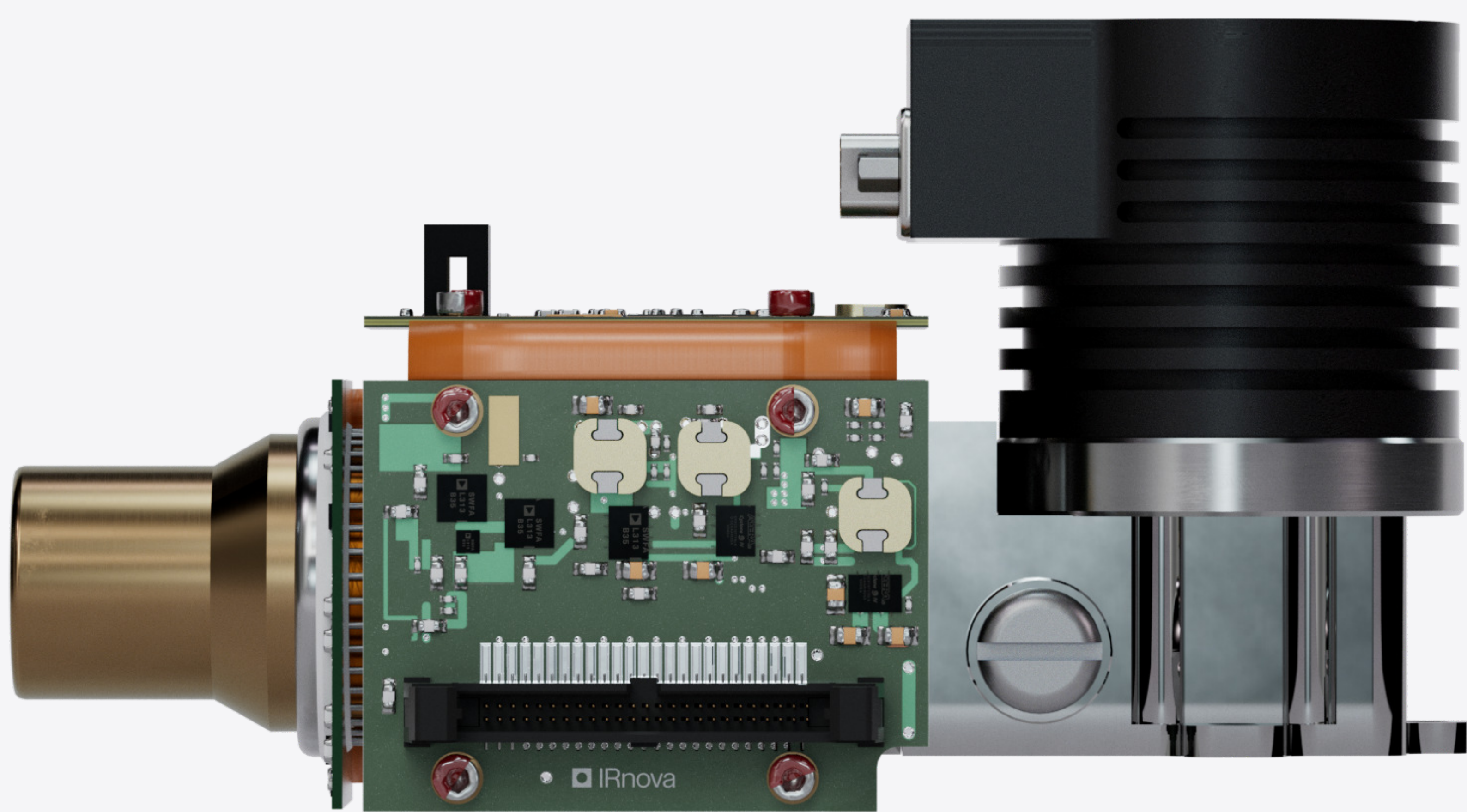


# T2SL Heimdall MW

Perfect for on-the-go movement, the Heimdall MW is our fastest detector loaded with our innovative T2SL technology, making it ideal for applications when you need a very high frame rate. When you demand accuracy and sensitivity, look no further than the Heimdall MW.



## Description

The Heimdall MW is a 30µm pitch T2SL QVGA detector for general MWIR applications, especially well suited for low flux conditions or other applications where maximum sensitivity is needed.

## Applications

- ✓ Security & surveillance
- ✓ Handheld and battery powered cameras
- ✓ Mobile and stationary platforms



# General information

Application: General purpose

Format: 320x256

Technology: T2SL

Pixel pitch: 30 µm

# Typical detector performance

Spectral range: 3.7 - 5.1 µm

F number options: F/2, F/4

NETD: 10 mK

Pixel operability: 99.9%

Frame rate: 60 Hz  
(Selectable frame rate up to 120 Hz supported by ROIC)

# Proximity electronics

Supply voltage: 12 V

Maximum frame rate: 60 Hz  
(Selectable frame rate supported)

Electrical interfaces: Camera Link  
(Cooler control and proximity electronics included)

# IDDCA Parameters

Cooler options: FS R405K  
(RM3 or K508 options available)

Power consumption: 6 W / 11 W  
(Steady state / Cooldown)

Cool down time: 4 min

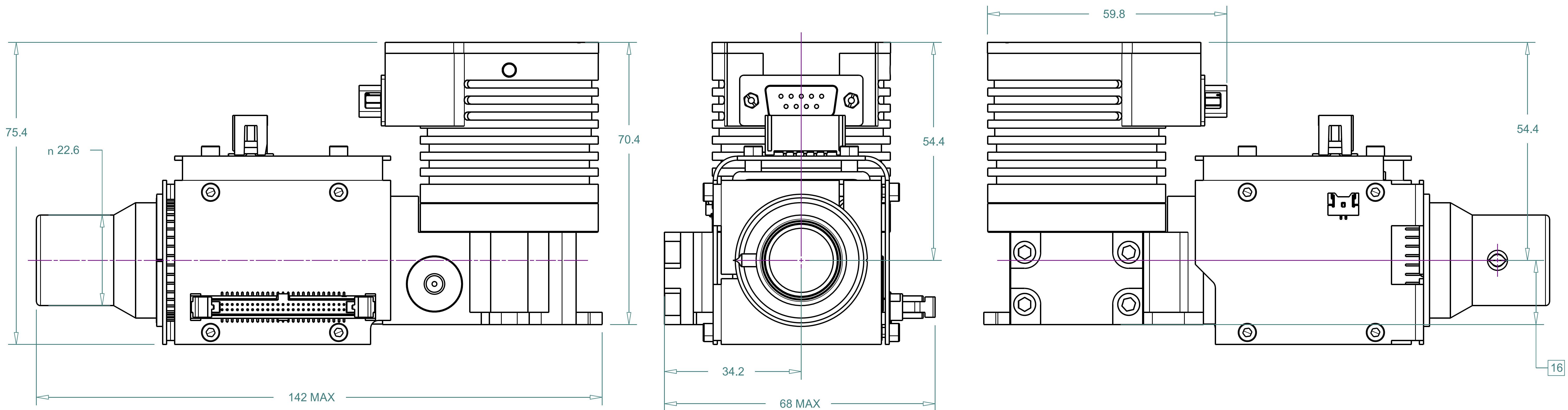
Cooler voltage: 12 V  
(24 V cooler options available)

Weight: 550 g

Cooler MTTF: 12 000 h

Dimensions: 71x57x142 mm

Environmental conditions:  
MIL-STD-810



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