

LON: 139,2589°

LAT: -61,7519°

LEOSPACE

ALT: 421,6253 KM

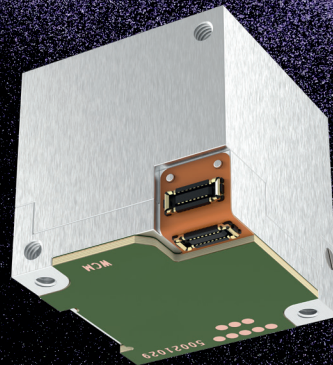
Connective

Compact

Efficient

Robust

Durable

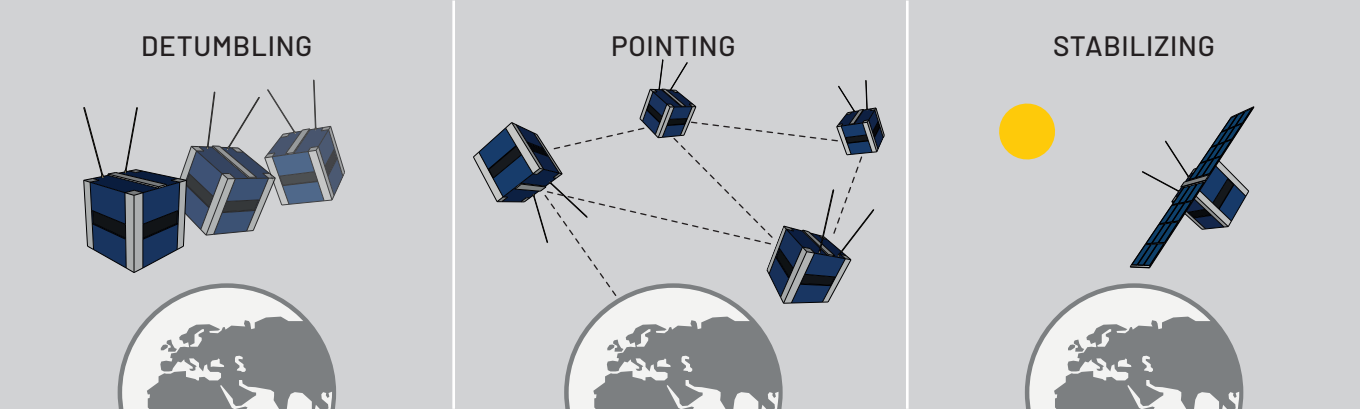


cyber[®] reaction wheel 2

Excellent solution for ambitious missions

In collaboration with WITTENSTEIN

Excellent solution for ambitious missions

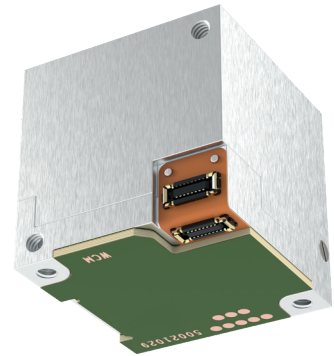


Robustness

- Vacuum up to 10^{-8} mbar
- Temperature -60°C to $+100^{\circ}\text{C}$

Efficiency

- Rated power consumption 480 mW (@2 mNms)



Durability

- Lifetime 5 years

Compactness

- Momentum storage $> 2\text{mNms}$
- $20 \times 20 \times 20\text{ mm}$ square design
- For 1U to 8U cubesats

Connectivity

- Integrated drive electronic with I2C, UART, SPI interface

Technical data	
Dimensions	20 x 20 x 20 mm
Mass	30 g
Momentum storage @ nominal voltage	2.0 mNms
Rated power consumption (@2 mNms)	480 mW
Peak power consumption (configurable)	<1500 mW
Max. rotation rate	18 000 rpm
Operating voltage	3 to 8.8 V
Nominal voltage	5 V
Radiation resistance	> 200 Gy
Vacuum resistance	10^{-8} mbar
Operating temperature	-40°C to $+85^{\circ}\text{C}$
Survival temperature	-60°C to $+100^{\circ}\text{C}$