

# FOUR-AXIS Gyro Stabilised Maxi-gimbal

## OTUS-U250

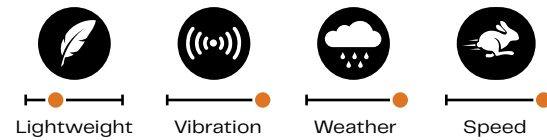


**OTUS-U250** reaches an entirely new level of stabilisation due to the 4-axis combination of purpose-built high bandwidth torque and gear motors. It provides the highest degree of environmental robustness and is extensively tested against MIL STD-810G as well as, RTCA DO-160G to ensure reliable operation on the most challenging platforms.

**OTUS-U250** is the best choice, no matter the application, when the sensor capability is the top priority of your mission. Still, the uncompromised sensor capability, the OTUS-U250 is 40-50% more lightweight compared to the competitors.

The **fibre optic (FOG) IMU** and optional laser range finder provides for advanced built-in features like geolocation and ge-positioning with high accuracy.

### KEY PROPERTIES



### BASIC INFORMATION

Axes	4
Stabilisation	<20 $\mu$ rad
IP Class	IP66
Test Standard	MIL STD-810G + RTCA DO-160G
Weight	<9 kg
Power Requirements	22-36 Vdc, 70 W (typical)
EO Camera	Full HD, FOV 1.8 - 59°
IR Camera	Cooled MWIR, FOV 1.6 - 24°
Control Interface	Ethernet, RS422
Video Interface	CVBS (PAL or NTSC), HD-SDI, Ethernet H.264
LRF Range	20 km

### RANGE CHARTS

