

TWO-AXIS Gyro Stabilised Midi-gimbal

OTUS-U200

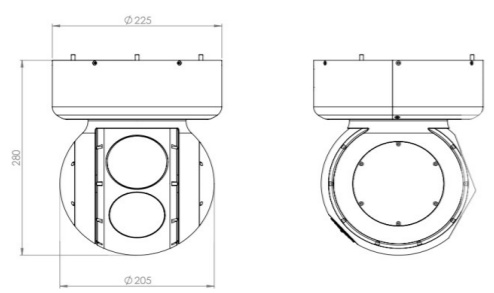


OTUS-U200 sets a new standard for miniature gyro-stabilised camera system. In addition to the stability offered by the field-proven in-house designed high bandwidth torque motors, the new OTUS-U200 gimbal offers improved environmental protection. It is tested against MIL STD-810G and RTCA DO-160G to ensure reliable operation on a wide range of platforms.

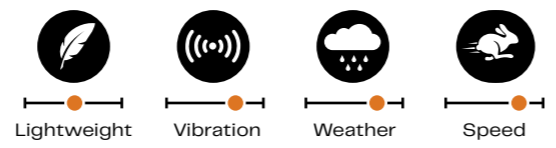
OTUS-U200 is the best choice for airborne, maritime and ground-based applications when the trade-off between weight and sensor capability is critical.

Tri-axial micro-mechanical (MEMS) IMU and an optional laser range finder provides for advanced built-in features like geo-location and geo-positioning with good accuracy.

Advanced AI using Nvidia computer with neural network, the gimbal can classify objects, detect fire, advanced video tracking and can integrate 3rd party firmware on the edge.



KEY PROPERTIES



BASIC INFORMATION

Axes	2
Stabilisation	<75 µrad
IP Class	IP65
Test Standard	RTCA DO-160G (MIL STD-810G)
Weight	<3.6 kg
Power Requirements	22-36 Vdc, 40W (typical)
EO Camera	Full HD, FOV 1.8 - 59°
IR Camera	Cooled MWIR, FOV 1.6 - 24° or Uncooled LWIR, FOV 4.2 - 16.8°
Control Interface	Ethernet, RS422
Video Interface	CVBS (PAL or NTSC), HD-SDI, Ethernet H.264
LRF Range	20 km

RANGE CHARTS

