

GSG-140T GIMBAL

Gyro-stabilized gimbal for night surveillance

Gyro-stabilized 3-axis gimbal with thermal LWIR 640x480 camera. The optoelectronic onboard unit is designed to perform complex missions and is ideally suited for a wide range of applications, including inspections, security and law enforcement, surveillance, border control.

FEATURES

Weight: 1.2 kg

Housing: aluminum

IP-65

Drying cartridge

Direct drive

Absolute encoder

Angle rotation: roll - +/- 30°, yaw - 360°, pitch - +/- 100°

Coordinates measurement accuracy: 20-30 m

Transmission of target coordinates to GCU

Video output: Ethernet

Operating temperature: -40... +50°C

Supply voltage: 8-25V

Max. power consumption: 40W

Max. dimensions (length, diameter): 172.6x137mm

Vibration-proof frame



UAVOS INC.

465 N. Whisman Road, Suite 600

Mountain View, CA 94043, USA

+1 650 584-3176



www.uavos.com



UAVOS Holdings Limited

Hong Kong, China

1411, 14/Floor, Cosco Tower,

183 Queen's Road Central, Sheung Wan

+ 852 8191 4244

SENSORS



Camera parameters	Value
Wavelength band	8...14 μm
Thermal sensitivity	0.05°
Camera rotation angle	pitch / roll 360°
Max field of view	24.6° (50 mm f/1.4)
Rotation speed	120°/sec
Pitch	17 μm
Matrix resolution	640x480

