UKRSPECSYSTEMS is a Ukrainian based company focused in developing and producing UAV platforms, camera payloads and related equipment.
Our Gyro-Stabilized Gimbals

USG–212
EO and IR sensors gyro-stabilized gimbal with some advanced features

USG–211
Compact multi-purpose single sensor (EO or IR) gimbal
USG-301: Industrial 3-axis gyro-stabilized gimbal with Full HD camera with 30x optical zoom

USG-302: Industrial 3-axis gyro-stabilized gimbal with Full HD camera with 30x optical zoom

USG-251: 2-axis micro gyro-stabilized gimbal with 10x optical zoom
USG–212 Gimbal

Dual–sensor compact and light–weight 2–axis gyro–stabilized gimbal for fixed–wing platforms

EO Sensor
- Sony EV7500 Full HD 1080p
- 30x optical zoom
- Anti–fog feature

Features
- 360 degrees rotation
- Weather sealed
- Anti–vibration damping mount
- Ethernet or 3G–SDI out

IR sensor
- 640 by 512 resolution
- 30 Hz refresh rate
- 40 mm lens

Options
- Digital video stabilization
- Target tracking
- Movement detection
- Georeference

Dimensions
- Height: 266 mm
- Width: 160 mm
- Weight: 2400 g

USG–211 Gimbal

Compact 2–axis gyro–stabilized gimbal for fixed–wing and multirotor platforms

EO Sensor
- Sony EV7500 Full HD 1080p
- 30x optical zoom
- Anti–fog feature

Features
- 360 degrees rotation
- Weather sealed
- Anti–vibration damping mount
- Ethernet or 3G–SDI out

Dimensions
- Width: 123 mm
- Length: 123 mm
- Height: 164 mm
- Weight: 950 g

Options
- Digital video stabilization
- Target tracking
- Movement detection
- Georeference
USG-302 Gimbal

Dual-sensor 3-axis gimbal for multirotor VTOL platforms

Features
- 360 degrees rotation
- Weather sealed
- Anti-vibration damping mount
- 3G-SDI out or HDMI out
- S.BUS or PPM control signals

EO Sensor
- Sony EV7500 Full HD 1080p
- 30x optical zoom
- Anti-fog feature

IR Sensor
- 640 by 512 resolution
- 30 Hz refresh rate
- 40 mm lens

Options
- Digital video stabilization
- Target tracking
- Movement detection
- Georeference

Dimensions
- Height: 170 mm
- Length: 192 mm
- Weight: 1400 g

USG-301 Gimbal

Industrial grade 3-axis gyro-stabilized gimbal for multirotor platforms

Features
- 360 degrees rotation
- Weather sealed
- Anti-vibration damping mount
- HDMI or 3G-SDI out
- S.BUS or PPM control signals

EO Sensor
- Sony EV7500 Full HD 1080p
- 30x optical zoom
- Anti-fog feature

Dimensions
- Width: 191 mm
- Length: 192 mm
- Height: 162 mm
- Weight: 1100 g

Options
- Digital video stabilization
- Target tracking
- Movement detection
- Georeference
USG–251 Micro Gimbal

2–axis gyro–stabilized micro gimbal for fixed–wing and multirotor platforms

EO Sensor
- Full HD 1080p
- 10x optical zoom
- Optical image stabilization

Features
- 360 degrees rotation
- Weather sealed
- Anti–vibration damping mount
- Serial or PPM control signals

Dimensions
- Width: 96 mm
- Length: 90 mm
- Height: 124 mm
- Weight: 350 g

Options
- Digital video stabilization
- Target tracking
- Movement detection
- Georeference

Digital Video Processing

Our Digital Video Processing module can be connected to any of our gimbals and adds a wide range of great features

Digital Video Processing
- Digital video stabilization
- Target tracking
- Movement detection
- Multichannel feed processing and output
- Dual feed video recording

Communications
- HDMI in/out
- SDI in/out
- Ethernet
- RS 232
- 256 GD SDD for video/data recording or MicroSD card

Dimensions
- Size 138 x 138 x 62 mm (enclosed)
- Weight 680 g
Our gimbal are fully compatible with most commercial drones and equipment on the market.

### Gimbals compatibility

Our gimbals are designed to be used with most popular air vehicles and equipment the market. We did our best to reduce integration need to minimum.

<table>
<thead>
<tr>
<th>Gimbals compatibility</th>
<th>DJI S1000</th>
<th>DJI Matrice 600</th>
<th>DJI Lightbridge 2</th>
<th>Amimon Connex</th>
<th>HDMI and SDI video links</th>
<th>IP data links</th>
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[Diagram showing compatibility with various types of drones and equipment]

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- ✔️ — Fully compatible out of the box
- × — Not compatible
Our gimbals can be used for wide variety of applications

Commercial

Public Safety & Military

Industrial

www.ukrspecsystems.com