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USG-211 Full HD Gimbal

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www.ukrspecsystems.com

Made in Ukraine





Full HD day-view
camera

30x optical zoom

Real-time video
processing

Anti-vibration damping
mount included

Precision positioning

Angles of rotation
360°

USG-211 Full HD Gyro-Stabilized Gimbal

USG-211 is light and compact Full HD gimbal for fixed-wing and multirotor platforms, and small manned aircrafts. It is notable for its low weight, durable design and compact dimensions. High performance gyro-stabilized platform delivers high precision guidance, while integrated damping system reliably eliminates all vibrations that occur in flight, providing high quality image quality in conditions of high vibrations, even while maintaining maximum optical zoom. Digital video processing module offers advanced features, such as real-time digital HD video stabilization and target tracking.





Anti-vibration damping mount is specifically designed for each airframe. This helps to get best results and eliminated all vibrations.

Full HD Sony EV7520 camera with 1/2.8-type Exmor™ CMOS image sensor and 30x optical zoom.



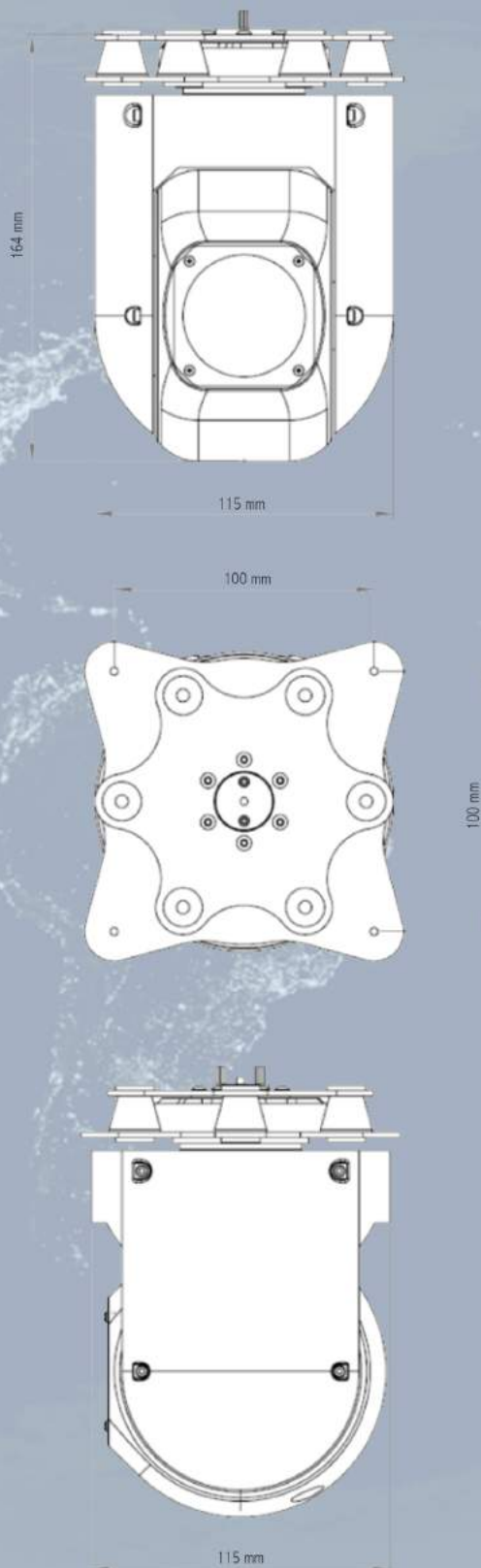
Altitude 1000 m (3280 ft.). Distance to target approx. 6 km (3.7 miles).

Video processing with digital video stabilization, target tracking, scene lock.



Anti-vibration damping mount designed for specific aircraft for maximum image stabilization.





Specifications

Dimensions

Width: 115 mm
Height: 164 mm

Weight

1100 g
WITH ANTI-VIBRATION DAMPING MOUNT

Day-view camera

Camera
SONY FCB-EV7520

Resolution

Full HD
1920 x 1080 at 60 fps

Optical zoom

30x

View angles

63.7°(wide end) to
2.3°(tele end)

Lens

f=4.3mm (wide) to
129.0mm (tele);
F1.6 to F4.7

Working temperature

-10 °C - + 45 °C

Rotation angles

Pan angle: 360°
Pitch angle: 360°
Roll angle: -45° to +45°

Electrical parameters

Power
9-36V, 50W max

Control signals

PPM, S.BUS (optionally
RS485, CAN)

Video out

HD-SDI or
Digital

