



Full HD camera with  
10x zoom

Optical video  
stabilization

2-Axis  
Gyro-stabilization

Precision positioning

Easy to use

Continuous pan  
360 °

Weight 350 g (without  
dampening mounting  
plate)

Fitted on nearly any  
UAV

### USG-251 2-Axis gyro-stabilized micro gimbal

We are proud to present our new micro gimbal for industrial, public safety and military applications! The USG-251 features a Full HD sensor with 10x optical zoom lens and optical video stabilization. 2-axis gyro-stabilized gimbal with damping mount eliminates vibrations from the airframe and compensates unwanted movements in the air.

Optionally we can offer a digital video processing module that will add such great features as digital video stabilization, target tracking and movement target detection.

USG-251 weighs only 350 grams and can be fitted on nearly any fixed-wing or multirotor drone that is available on the market!



Specifications

Mechanical parameters

Dimensions

Width: 96 mm  
Length: 90 mm  
Height: 123 mm

Weight

350 gramm  
without dampening mounting plate

Working temperature

-20 °C - + 45 °C

Continuous pan

Pan angle 360°  
Pitch angle +30°... -120°

Electrical parameters

Power

12V DC

Control interface

RS-232

Camera parametrs

Camera

Tamron MP  
1010M-VC

Camera modes

1080p@60/50/30/25  
1080i@60/50  
720p@60/50

Sensor size

1/3"

Focal lenght

Min 3.3 mm  
Max 33.0 mm

View angle

Min 6.9°  
Max 58.2°

Iris

DC Iris

