

# 3-Axis Multi sensor gyro-stabilized gimbal



Day-view color camera  
with 36x zoom

30 Hz thermal camera  
with a resolution of  
640x480 and 4x digital  
zoom

3-Axis  
Gyro-stabilization

Precision positioning

Easy to use

Angles of rotation  
360°

## Multi sensor gyro-stabilized gimbal

Designed for use on multi-rotor UAVs platforms our multi-sensor 3-Axis gyro-stabilized gimbal is notable for its low weight, compact dimensions and high performance.

Gyro-stabilization system delivers high precision guidance while the integrated damping system reliably reduces vibrations that occurs in flight.

The 36x optical zoom camera features enhanced sensitivity mode for low visibility conditions.

Thermal camera with high resolution, frame refresh rate and a 4x digital zoom.

No need for any special tools or devices. Simplicity of installation and no maintenance required

**UKRSPECSYSTEMS**  
[www.ukrspecsystems.com](http://www.ukrspecsystems.com)  
Made in Ukraine



# 3-Axis Multi sensor gyro-stabilized gimbal

## Specifications

### Mechanical parameters

#### Dimensions

Width : 191 mm  
Length : 175 mm  
Height : 165 mm

#### Weight

1400 g

#### Working temperature

-20 ° C - + 45 ° C

#### Rotation angles

Course angle 360°  
Pitch angle 360°  
Roll angle -45°... +45°

### Electrical parameters

#### Power

12V 25B

#### Control signalst

PPM (optional RS485,  
CAN)

### DAY-VIEW CAMERA

### THERMAL CAMERA

#### Camera

SONY FCB-EX1020P  
Resolution  
550 TVL

Resolution 640\*480 or  
320\*240

Refresh rate 30 Hz or 9 Hz

#### Optical zoom

36x

#### Lens

40 mm

#### View angle

57.8 ° (WIDE) -  
1.7 ° (TELE)

#### Digital zoom

1x, 2x, 4x

#### Focal length

3.4 mm (WIDE) -  
122.4 mm (TELE)

#### Effective pixels

440000

