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

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3-Axis Multi sensor gyro-stabilized gimbal

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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

Camera

SONY FCB-EX1020P Resolution

550 TVL

Optical zoom

36x

View angle 57.8 ° (WIDE) -1.7 ° (TELE)

Focal length

3.4 mm (WIDE) -122.4 mm (TELE)

Effective pixels 440000

THERMAL CAMERA

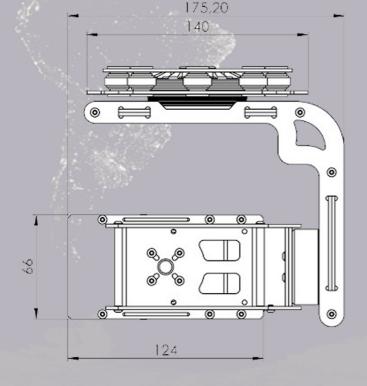
Resolution 640*480 or

320*240

Refresh rate 30 Hz or 9 Hz

Lens 40 mm

Digital zoom 1x, 2x, 4x



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