

XENDER

GYRO STABILISED GIMBAL



1,3KG

Ø 13CM

200µrad

Thermal imager
Daylight Full HD



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TECHNICAL DATAS

Physical

- Weight : 1.3 kg
- Height : 184 mm
- Min diameter : 85 mm (main body)
- Max diameter : 130 mm

Power

8V to 36V, sleep : 5W, idle 10W, max 20W
Reverse polarity protection

Communication

RS232, RS485, CAN bus, Sbus

Camera

- Daylight : Sony FCB EV7500
- Optical Zoom X30 (FOV 63.7° -> 2.3°)

Infrared : FLIR Quark 2 / 640

- Uncooled Microbolometer 640x512 pixels
- Spectral : 7.5 – 13.5 μm
- Lens option : 13, 14, 17, 19, 25, 35 mm

Video outputs

Daylight : Full HD 4:2:2 1080p, NTSC or PAL
Infrared : NTSC or PAL
Mixed NTSC or PAL, Daylight or Infrared video on the same output (switch with a command protocol), with on Screen Display.

Features

Geo-Tracking, geo-localization capabilities
Inner IMU for stabilization and artificial horizon computation.
Black box recording for post flight vibrations analyses and optimization (800 Hz sampling rate)
High torque direct drive technology.
Stabilization better than 200 μrad .

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Updates on www.merio.fr



360° View



www.merio.fr

Tel : +33(0)4.28.37.00.27
Fax : +33(0)4.28.37.00.31
contact@merio.fr