

T120

Designed to be incorporated in SURVEY Copter UAS, T 120 is a 2 axis gyro stabilised gimbal.

The T 120 gimbal is fitted with one day and one infrared channel. Thanks to its sensors quality, combined to the outstanding performances of the stabilisation algorithms, T 120 is the particularly well adapted gimbals to perform long distance observation missions.

Thanks to its ergonomics and its light weight, T 120 can be easily installed in a UAV in a vertical or horizontal position. T120 is compatible with all the fix and rotary wings UAV produced by SURVEY Copter: DVF 2000, TRACKER 120, Copter 4, Copter City, Copter 4 City...



Daylight camera

Sensor type

Colour CCD-TV progressive scan

Lens

Zoom 12x optical ; F/1.6
Horizontal field of view: 55° to
4.6° (2.4° with digital zoom)

Thermal camera

Sensor type

Uncooled thermal imager,
resolution 640x512

Lens

f=35mm ; F/1.5
Horizontal field of view: 17.5° (8.8°
with digital zoom)

Gimbals performances

Azimuth course

360° continuous

Elevation course

-105° to +20°

Stability

100 to 150 urad

Interfaces

Video

Analog NTSC/PAL composite
CCIR

Control

RS 232 serial link

Environnement

Temperature

-15°C to +50°C operational

Power supply

Voltage

12 V DC

Consumption

5 W typical / 30 W peak

Dimensions & weight

Height

205 mm (8.1")

Diameter

108 mm (4.3")

Weight

1.050 kg (2.3 lbs)

Options

Other fields of view available

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