



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