

QZ120C-25

Infrared Thermal Imaging Single Light Electro-Optical Pod



QZ120C-25 Infrared thermal imaging single light pod equip with 25mm infrared thermal image, which can expand temperature measurement function and tracking function, and supports front-end storage. Widely used in Public Security, Fire, Electricity and other UAV applications, the equipment is easy to install, It can increase stability in horizontal, roll and pitch directions, the integrated design of shock absorption and pod can greatly reduce mechanical vibration.



Technical info:

KG	≤0.76Kg
∅	126mm

Applications

- Public Security
- Fire Fighting
- Electrical Inspection
- Forest Fire Prevention
- Search&Rescue

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Features

- ❖ Supports return function, downward function, lock mode and follow mode;
- ❖ Ultra-low temperature drift;
- ❖ SBUS control and serial command control;
- ❖ HDMI and port output;
- ❖ Extensible superposition platform angle information, GPS and other information;
- ❖ Extensible target tracking;
- ❖ Extensible temperature measurement function;



Infrared Pod Parameters

Weight: 760g
 Size: 126mm × 120mm × 144mm (L × W × H)
 Working Voltage: 3s ~ 6s
 Working Current: Quiescent Current: 600mA (@12V);
 Dynamic current: 3000mA (@12V)
 Pitch Axis: upward 15°, downward 90°
 Roll Axis: ± 40°
 Yaw Axis: ± 300°
 Angular Jitter: ± 0.01°
 Control Interface: S.BUS signal or TTL serial port control

Camera(thermal imager + visible light)Parameters

Sensor :Uncooled focal panel microbolometer
 Resolution: 640X480
 Pixel Size: 17 μ m
 Lens :25mm
 Wavelength Range: 8 ~ 14 μ m
 Thermal sensitivity(NETD): ≤ 50mk@30 °C
 Video Output :Port output or HDMI(1080P) output
 Storage :Max Support 128GTF card; can save AVI video, JPG image
 Recording Mode :1080P (25fps)
 Control Function: Infrared false color switching;
 take photo、 video
 Extended Function: Temperature measurement function: maximum temperature, minimum temperature display and tracking, center point and average temperature display;
 Front-end keep global temperature data, point temperature measurement function .
 Measuring Temperature Range: - 20 °C ~ + 200 °C
 Temperature Measurement Accuracy: ± 2 °C / 2%

QZZQ reserves the right to change specifications without prior notice.