



## 10x optical zoom with 2 million pixels Universal Joint

### Our Product Introduction

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#### Basic Information

- Brand Name: GS
- Model Number: KHY10S90
- Minimum Order Quantity: 1
- Price: Negotiable
- Delivery Time: 6~8
- Payment Terms: T/T
- Supply Ability: 100



#### Product Specification

- CMOS SENSOR Pixel: 2 Mega Pixels
- Focal Length:  $5.15 \pm 5\% \sim 47.38 \pm 5\%$  mm
- Zoom Method: Electric Zoom And Continuously Adjustable
- Images: Jpeg Format; Multiple Pixels For Selection
- Video: H.264, H.265 Format; 1080P Video Stream
- Storage Capacity: 32G-128G TF Card (FAT32 Format)
- Image Output Interface: Network H.264 Code Stream Output
- Roll Angle:  $-45^\circ$  To  $+45^\circ$
- Pitch Angle:  $-45^\circ$  To  $+120^\circ$
- Yaw Angle:  $-280^\circ$  To  $+280^\circ$
- Pitch And Roll Direction:  $\pm 0.02^\circ$  Horizontal Direction:  $\pm 0.03^\circ$
- Power Consumption: Dynamic 5w
- Weight:  $396 \pm 10$  G
- Highlight: 1080p drone camera,  
1080p tracking gimbal camera



#### More Images



## Product Description

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KHY10S90 operation and maintenance. This product single EO drone gimbal system integrating 10x optical zoom camera with IRCUT function and high-precision professional 3-axis stabilized PTZ. It adopts network IP and HDMI dual output, IP control. The PTZ adopts high-precision encoder FOC control scheme, which has the characteristics of high stability, small volume, light weight and low power consumption. The visible light camera uses a high-definition COMS SENSOR with 2 mega effective pixels. Both UART and IP can control the camera and the PTZ, and support the local TF two-ways video recording and photographing.

The device is composed of a zoom visible light movement, and a stabilized PTZ. The visible light video stream is stored inside the visible light movement, recorded by the TF card inside, and encoded and output to the image transmission module. The image transmission module transmits the real-time video to the ground receiving terminal and receives the ground control signal to control the PTZ and camera respectively.



## Use and operation

### 1.Preparation and inspection before use

Check whether the hanging structure of the dual optical gimbal is normal and whether there is obvious deformation or looseness;

Check whether there is dirt on the lens. If there is dirt on the lens, wipe the lens with lens cloth;

After installing the gimbal, check whether the system mechanical installation is normal;

Check whether the electrical connection of the system is normal;

Ground check whether the imaging and function of the gimbal are normal.

### 2.Safety protection, safety signs and instructions during use

During the use of the product, the power supply voltage shall not exceed the allowable range, and the product shall not be used in the environment beyond the normal working load.

### 3.Operating procedures during use

After the system is powered on normally, the control operation is carried out with the mouse or touch screen through the UAV ground station software.

### 4.Inspection and recording during operation

**Record the problems encountered during use and save the corresponding**

## image data.

### 5.Operating procedures, methods and precautions after use

After the product is used, disconnect the system power first, separate the pod from the fuselage in a static-free environment, and store it in a dry and ventilated environment. It should be placed in the box if it is not used for a long time



## Our Services

1. We provide 1 Year Warranty. Buy with confidence.
2. If you are not satisfied when you receive your item, please return it within 14 days for a replacement or money back. Please contact me before you return it.
3. If item is defective in 3 months, We will send you a replacement without extra charger, or offer refund after we receive the defective item.
4. If item is defective after 3 months, you can still send it back to us. We will send you a new one after receiving the defective item. But you have to pay the extra shipping fee.



## FAQ

Q1: Do you support OEM/ODM?

A1: Yes. We can print your logo on the product.

Q2: About samples.

A2: Under normal circumstances, samples will be ready within 7 days, and 10-20 days for OEM/ODM orders. Sample fee and shipping will be charged.

Q3: What is the delivery time?

A3: For regular orders, we can ship within 15 days, for OEM/ODM, we can ship within 25-45 days (depending on the quantity). In the event of delays, we will notify you in advance of the status and resolution.

Q4: What is the minimum order quantity?

A4: There is no MOQ for wholesale (1 piece accepted), including OEM/ODM.

Q5: What are your payment terms?

A5: L/C.TT100%.

Q6: Can you reduce the shipping cost?

A6: When calculating the shipping cost for you, we always choose the cheapest and safest express. Although we have partnerships with shipping companies, we can't keep costs down because it's not us who get paid. If you think it's expensive for you. You can always make your own choice.

Q7: Return policy.

A7: If you want to replace the received item, you must contact us within 7 days after receiving the item. Returned items should be in their original condition and you should pay for additional shipping.



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