

## **Introduction and Precautions of Oblique Camera**

### **I. Interface definition**

#### Camera

RD- camera power indicator and extension button

CX- control cable aviation socket

SD- camera memory SD card jack

#### Power control module:

BK- power input socket (4S-6S)

BO- PPK dedicated power supply output socket, DC12V voltage (please confirm the working voltage of PPK equipment before use, when using this DC12V power supply, PPK equipment cannot be Shared ground cable with other power sources)

RX- camera shutter trigger and PPK signal interface (PPK signal interface is the switching quantity signal, and the maximum contact current is 130mA)

### **II. Working process of oblique camera:**

- check the camera SD card socket to make sure that 5 SD CARDS are installed.
- connect the control cable of the power control module to the camera CX control cable aviation socket (pay attention to the interface positioning direction of aviation socket).
- connect the PWM shutter control signal to the RX camera shutter trigger interface of the power control module.
- connect the RX- PPK signal interface of the power module to the corresponding trigger interface of the PPK device.
- confirm that the power supply of 3s-6s for the camera is stable.
- connect the 4s-6s power supply to the BK power input socket of the power module.
- the RD indicator light should be always-on after the camera is powered on, and the camera will enter the normal working state after self-test within 15 seconds (the shutter will be triggered once when the camera is self-tested, and the corresponding 5-way camera status indicator will flash once).

### **III. Attention**

>The working power voltage of camera shall not exceed DC28V, and the positive and negative poles shall not be reversed. Please check carefully before power on each time!

> confirms that the 3s-6s power supply for the camera has been stably supplied, and then plug the power into the BK power input socket of the power module!!! Can't

insert and unplug continuously (will cause camera system protection!!!)

>Do not immediately turn off the camera's power switch after the shutter of the camera is triggered. Wait 10 seconds before turning it off!!! (Cutting off power during SD card storage will cause the camera system protection!!!)

> Camera has been equipped with 5 formatted SD CARDS when it leaves the factory. After each shooting, please remove the SD card, read and copy the photos in the folder on the computer. Do not delete or change the files and folders in the card!

>When camera is equipped with a new SD card, it can be used on this model after being formatted on the Sony 5100 camera. The SD card should be used exclusively for this camera. Do not mix it with other machines!

>The CX on the camera main unit is the control cable aviation socket. When connected with the plug, there is a directional positioning port. Please align and insert it, then tighten the lock nut.

> camera will trigger a shutter during self-check, the corresponding 5-way camera status indicator light should all flash once, if a light not flash is generally because that the corresponding SD card is not inserted in place or SD card is damaged (another reason is improper operation caused the camera system protection!!! )

> This camera is a precision measuring instrument. Avoid strong vibration during transportation and use. Handle it gently, avoid moisture.

> Camera failure or improper operation of the camera caused system protection, please timely return it to the factory, do not open the equipment by yourself!!!