

# KD-C30R3G Operating Manual



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# 1、Precautions

- When cleaning the equipment, gently wipe the outer shell and panel with a dry cloth. If the equipment is very dirty, wipe it with a cloth soaked in a small amount of neutral detergent and then dry it. Do not use alcohol, thinners, pesticides or other volatile solvents, as doing so may deform the casing or damage the surface.
- When transporting, loading the equipment in its original packaging box or a similar one can reduce the strong vibration it receives.
- Thank you very much for using our company's precision intelligent shooting control system. To reduce the risk of fire or electric shock, please do not expose this equipment to rain or moisture. Do not disassemble the casing. Maintenance matters should only be carried out by qualified maintenance personnel. To avoid misoperation.
- According to the provisions of the Copyright Law, without the permission of the copyright owner, the recorded video or audio may not be used for purposes other than personal appreciation. Please note that even your personal entertainment photography may be restricted for on-site performances, shows and exhibitions.
- Before use, please read this manual carefully and keep it properly.
- Do not use this product near water.
- Avoid placing the product on beds, sofas, blankets or other objects. Do not place this product near fire sources, radiators or hot air vents unless it is confirmed that there are appropriate ventilation openings.
- The power supply used for this product should be in accordance with the indication on the power converter.
- When using an extension cord, please confirm the total power consumption/total ampere factor. Do not exceed the total ampere factor that the extension cord is loaded with.
- If any of the following situations occur, please unplug this product and consult a qualified technician:
  - ①The power cord or plug is damaged or has come loose and peeled off.
  - ②Liquid has seeped into this product.
  - ③If this product has been exposed to rain or splashed with water.
- When transporting, loading the equipment in its original packaging box or a similar one can reduce the strong vibration it receives.

## Product and Service Disclaimer

The information provided in this manual is for reference only. All along, KIND has been striving to offer correct, complete and appropriate information. However, KIND cannot rule out the

possibility that some information in this manual may be incorrect or incomplete. This manual may contain typing errors, information omissions or inaccuracies. KIND recommends that you recheck the accuracy of the information in this document. KIND is not responsible for any omissions or errors, or for any loss or damage caused by the information provided in this manual at any time. For further information about the content of this manual or the product, please contact your local office or KIND headquarters.

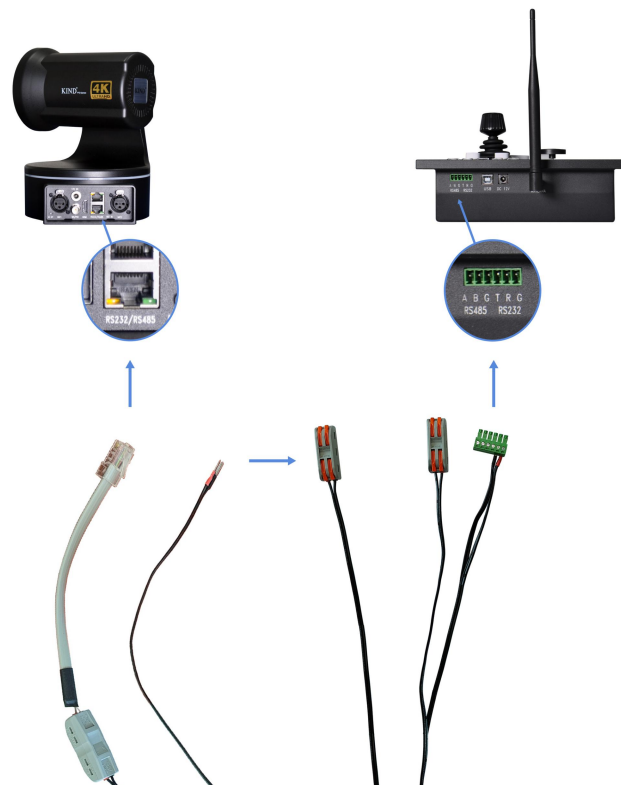
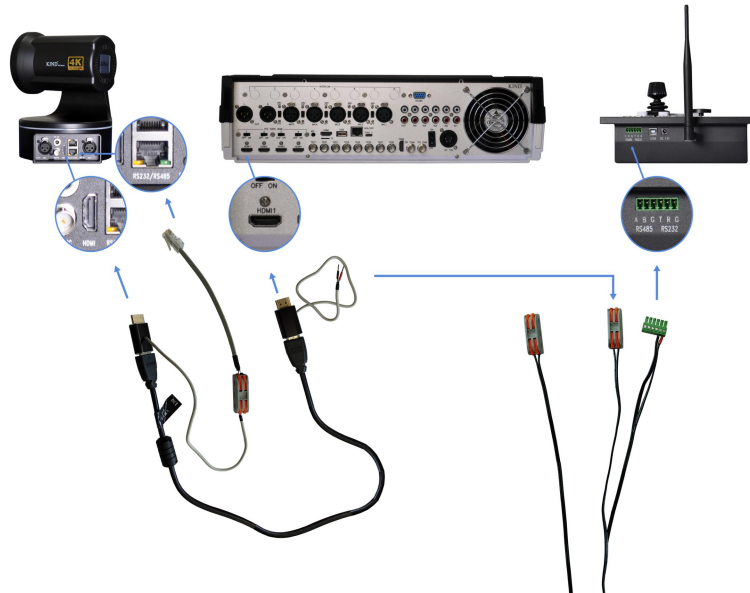
## **2、Features of KIND Wireless Control System**

The KD-C30R3G is a controller that integrates the control and adjustment of parameters of the KIND series cameras.

This system features high stability and industrial-grade data transmission stations. It adopts RS232 and RS485 interfaces. It adopts an efficient cyclic error correction algorithm, featuring high encoding efficiency and strong error correction capability, which significantly enhances the anti-interference performance and high stability.

### 3、Topological graph

The device is connected via 485 and 232 wired connections to control the push-pull, panning and tilting of the camera.



## 4、 Schematic diagram of the rear interface



① Terminal (AB) 485 interface, through which the camera can be connected to achieve individual control of the camera. The (TRG) terminal 232 interface, T and R respectively send and receive, G is grounded, and the camera can be connected through the 232 interface to achieve individual control of the camera.

②Reserved B-type USB interface.

③DC 12V power interface. It needs to be connected to a 12V power supply. Do not connect to a power supply with an excessively high voltage.

④Reserved interface.

## 5、 Introduction to the Operation Panel



- ① (FOCUS AUTO) When the indicator light is on, the camera's focusing state can be automatically adjusted. When the light is off, start manual adjustment and adjust the focus by rotating the ⑭ knob.
- ② (IRIS PRI) When the indicator light is on, adjust the aperture by rotating ⑥.
- ③ (SHUTTER PRI) When the indicator light is on, adjust the shutter by rotating ⑦.
- ④ (WB AUTO) When the indicator light is on, the white balance is automatically adjusted.
- ⑤ (ONE PUSH) One-click adjustment of white balance: Aim the camera at the white cloth and then press the button to adjust the white balance.

- ⑥ (IRIS) Manually adjust the aperture. You can adjust the aperture by rotating the knob.

(1) Press key ② to light up.

(2) Manually adjust the aperture using the ⑥ knob

- ⑦ (SHUTTER) The shutter can be adjusted manually. The shutter can be adjusted through the knob.

(1) Press key ③ to light up.

(2) Rotate knob No. ⑦ to manually adjust the shutter.

- ⑧ The PTZ controls the left, right, up, up and focal length of the camera (the focal length of the camera can be adjusted by rotating the joystick).

⑨ The address of the camera position allows for the simultaneous connection of 10 groups of cameras.

Setting method: The address corresponds to the dial of the camera pan-tilt. The number of dial Settings of the camera pan-tilt is the same.

⑩ Camera menu shortcut keys.

(1) Press the OK button to open the menu.

(2) Connect the camera by selecting the menu up and down (via 485/232).

⑪ (SET) The confirmation key for the preset point of the camera. After adjusting the position of the camera, you need to press this key to confirm before the setting can be successful.

(1) First, please select the preset keys 1 to 9.

(2) Control the camera to the corresponding Angle.

(3) After the Angle is selected, press "SET" to complete the setting.

(4) After moving the camera to another position, press the preset position key set just now, and the camera will return to the set point.

⑫ The preset positions of the camera can quickly return the camera to the previously set position. There are a total of 9 groups available for use.

(1) First, please select the preset keys 1 to 9.

(2) Control the camera to the corresponding Angle.

(3) After the Angle is selected, press "SET" to complete the setting.

(4) After moving the camera to another position, press the preset position key set just now, and the camera will return to the set point.

⑬ (FAST/SLOW) Adjust the speed of the camera. When the indicator light is on, it is fast. when it is off, it is slow.

⑭ (FOCUS) Manual focus adjustment can be made by adjusting the focal length through the knob.

(1) Press key ① to turn off (connect the keyboard to the 485/232 interface of the camera pan-tilt).

(2) Turn the ⑭ knob to manually focus.

⑮ Reserved function



## **6、Contact us**

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