

KIND KD-C1000NW Instruction manual

Please read this manual carefully before using the machine and keep it for future reference.



CATALOGUE

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一、Product overview

- 1、 1/2.5 inch Exmor R CMOS imager with broadcast-quality 4K images.
- 2、 20x optical zoom, SRZ 4K 30x, HD 40x.
- 3、 servo motor high speed head, translation/pitching speed 0.1°~300°/ s.
- 4、 8.93 million pixels, 3840×2160 1920*1080 resolution.
- 5、 HD4K video output.
- 6、 360°TALLY lamp.
- 7、 Application: 4K image shooting, studio, media broadcast, multi-camera shooting.
- 8、 size: 160mm155mm×230mm; Weight: about 3.0kg.

Matters needing attention:

- Before use, please read this manual carefully, and please take the retention of instruction.
- Please do comply with the products identified on the warning signs and instructions.
- Before cleaning the machine, please pull the plug, do not use alcohol, thinner, pesticides or other volatile solvent, because doing so would make the shell deformation or damage to the surface.
- Using extension, please confirm the total quantity/total Ann used multiple, shall not exceed the total load by extension multiples.
- Do not any liquid splashes on this product. Avoid short circuit.
- Please not do STH without authorization for dismantling maintenance.
- If you have the following situations occurs. Please unplug this product and contact a qualified technician.
 - ①The power cord or plug is damaged or peeled.
 - ②There is liquid seeping into the product.
 - ③If this product has been rained on or splashed with water.
- When transported to equipment installed in the original packaging box, or a similar package, the equipment can be reduced by strong vibration.

Product and service disclaimer

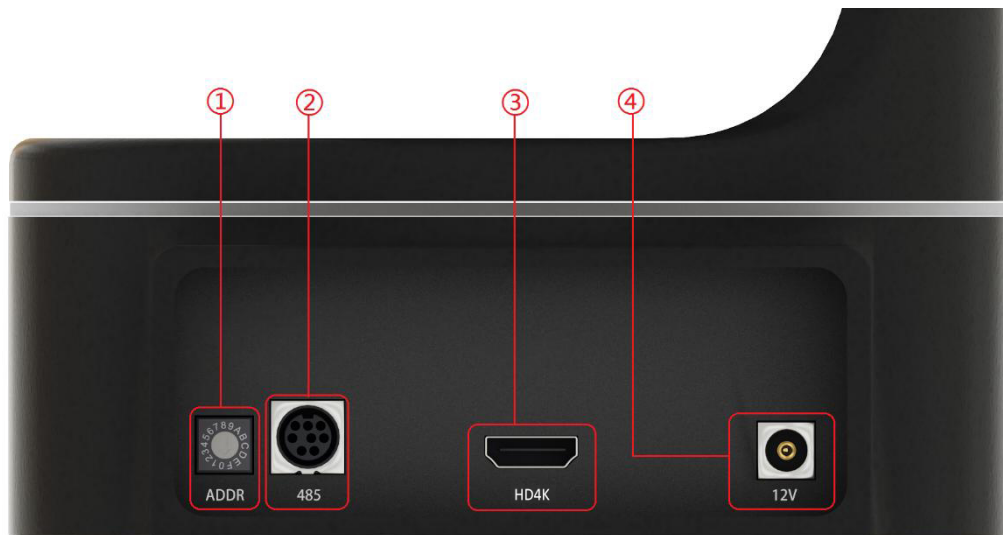
The information provided in this manual is intended as a guide only. All along, KIND strives to provide correct, complete and appropriate information. However, KIND cannot exclude that some information in this manual may be incorrect or incomplete and that this manual may contain typos, omissions or incorrect information. KIND recommends that you double-check the accuracy of the information in this document, and KIND is not liable for any omissions or errors. Or any subsequent loss or damage resulting from the information provided in this Description, further information about the contents of this description or the products may be obtained by contacting local offices or KIND Headquarters.

For your safety, please do not let the equipment receive rain or damp. In case of failure, please do not remove the casing. For after-sales matters, contact the manufacturer to ask professional engineers for maintenance.

When recording or transferring important data, be sure to pre-check the device connection or perform a test first to ensure proper operation and avoid data loss.

According to copyright law, recorded video or audio may not be used for any purpose other than personal enjoyment without the permission of the copyright holder. Note that for live performances, performances and exhibitions, even your own entertainment may be restricted.

二、 Connection specification



- 1、 ADDR: Control camera address (0 is 1,1 is 2, and so on).
- 2、 485 control.
- 3、 HD4K output.
- 4、 12VPower interface.

Connection step:

(1) Connect the bottom of the camera ① to the top of the lifting device ①, as shown in the following figure.



(2)Secure the camera with screws, as shown below.



(3)The HD4K port on the rear of the camera connects to the HD4K port on the wireless transmission box.

(4) The 12V power interface is connected to the wireless transmission box interface (the picture below shows the wireless transmission box).

三、 Camera debugging instructions

Menu introduction

This section describes the Settings menu of the camera

1. Click the "OK" key of the driver or the "MENU" key of the remote control of the camera to enter the setting graphic menu, as shown in the figure below

RETURN		-->
EXPOSURE		-->
FOUCS		AUTO
WB		-->
SYSTEM		-->
COLOR		-->
IMAGE		-->

(一)、EXPOSURE

1. Automatic mode

RETURN		-->	
EXPOSURE		AUTO	
GAIN		001	
SHUTTER		018	
IRIS		019	
BRIGHT		019	
EXPCOMP		OFF	
LEVEL		007	
BLC		OFF	

2. Luminance priority mode

RETURN		-->	
EXPOSURE		BRIGHT	
GAIN		001	

SHUTTER		018	
IRIS		019	
BRIGHT		019	
EXPCOMP		OFF	
LEVEL		007	
BLC		OFF	

3. Gain priority

RETURN		-->	
EXPOSURE		GAIN	
GAIN		001	
SHUTTER		018	
IRIS		019	
BRIGHT		019	
EXPCOMP		OFF	
LEVEL		007	
BLC		OFF	

4. SHUTTER

RETURN		-->	
EXPOSURE		SHUTTER	
GAIN		001	
SHUTTER		018	
IRIS		019	

BRIGHT		019	
EXPCOMP		OFF	
LEVEL		007	
BLC		OFF	

5. MANUAL

RETURN		-->	
EXPOSURE		MANUAL	
GAIN		001	
SHUTTER		018	
IRIS		019	
BRIGHT		019	
EXPCOMP		OFF	
LEVEL		007	
BLC		OFF	

(二) FOUCS

RETURN		-->
EXPOSURE		AUTO
FOUCS		-->
WB		-->
SYSTEM		-->
COLOR		-->
IMAGE		-->

(1) Auto focus

RETURN		-->
EXPOSURE		AUTO
FOUCS		AUTO
WB		-->
SYSTEM		-->
COLOR		-->
IMAGE		-->

(2) Manual focs

RETURN		-->
EXPOSURE		AUTO
FOUCS		MANUAL
WB		-->
SYSTEM		-->
COLOR		-->
IMAGE		-->

(三) WB

RETURN		-->	
WB		AUTO	
RGAIN		211	
BGAIN		156	

1. Outdoor mode

RETURN		-->	
WB		OUTDOOR	
RGAIN		211	

BGAIN		156	
-------	--	-----	--

2. Indoor mode

RETURN		-->	
WB		INDOOR	
RGAIN		211	
BGAIN		156	

3. One key white balance

RETURN		-->	
WB		ONE PUSH	
RGAIN		211	
BGAIN		156	

4. Automatic white balance

RETURN		-->	
WB		ATW	
RGAIN		211	
BGAIN		156	

(四) SYSTEM

RETURN		-->
EXPOSURE		AUTO
FOUCS		-->
WB		-->
SYSTEM		-->
COLOR		-->

IMAGE		-->	
RETURN		-->	
WB		OUTDOOR	
F-RATE		1080I50	
RESET		OFF	

Press the left arrow key to select a different resolution, and click PRSET to reset the system.

RETURN		-->
EXPOSURE		AUTO
FOUCS		-->
WB		-->
SYSTEM		-->
COLOR		-->
IMAGE		-->

Press the left arrow key to appear the following picture

RETURN		-->
GAIN		004
HUE		007

You can adjust the GAIN and HUE parameters to adjust the color.

(五) IMAGE

RETURN		-->
EXPOSURE		AUTO
FOUCS		-->
WB		-->
SYSTEM		-->
COLOR		-->

IMAGE

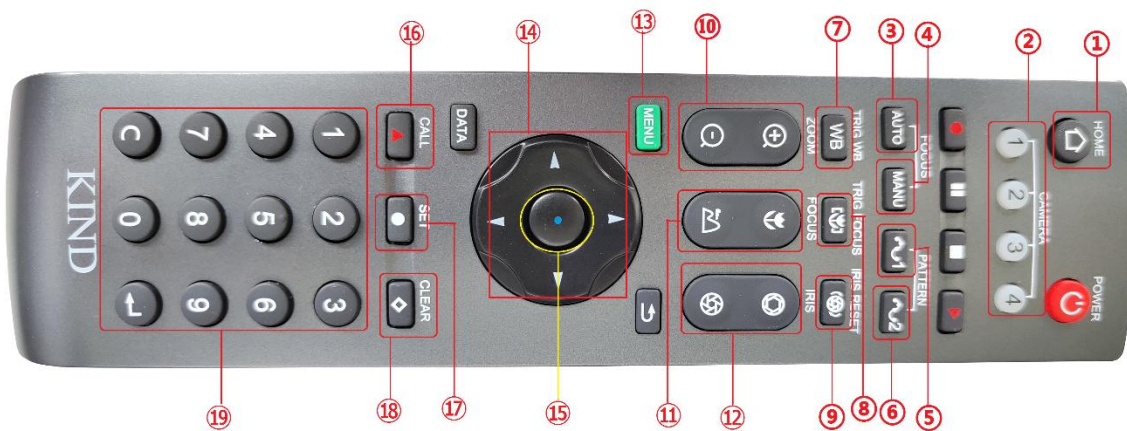
-->

Press the left arrow key to appear the following picture

RETURN		-->	
E-PLIP		OFF	
LR REV		OFF	
RREEZE		OFF	
B&W		OFF	
STAB		OFF	
COL BAR		OFF	
SRZ MOD		OFF	

The preceding function options are in the OFF state by default.

四、Remote control debugging instructions



- ①HOME button: Press once to bring the lens to the starting point.
- ②CAMERA: Switches the address of the control camera, which must correspond to the dip switch of the camera. After the switch, you can set the camera.
- ③Auto focus button: You can directly use this key to control the one-button focus of the camera.
- ④Manual focus mode: Press this key to switch the camera's focus mode to manual focus mode.
- ⑤4K signal switch key: Use this key to switch to 4K30 signal with one click (after setting, you need to restart the camera to make it take effect).
- ⑥1080 i50 Signal Switch key: Use this key to switch to 1080 i50 signal with one key (After setting, you need to restart the camera for the setting to take effect).
- ⑦Single white balance: This button is pressed once to achieve a white balance.
- ⑧Single focus: This button is pressed once to achieve one focus.
- ⑨Single Stop: This button is pressed once to achieve one stop exposure.
- ⑩Adjust camera focus: + for pull in - for pull out.
- ⑪Focus button: After the automatic focus is changed to manual focus,
- ⑫Adjust aperture: Change the shutter speed
- ⑬Menu key: You can open all the function options of the camera. All the contents of the camera instructions can be manipulated from the options.
- ⑭Up, down, left and Right keys: After entering the menu interface, you can select the contents of the menu by pressing the up, down, left and right keys.
- ⑮Ok key: Press this key to confirm after selecting the option.
- ⑯CALL key: Select the confirm key for the preset point.
- ⑰SET key: Confirm key for setting camera preset points.

⑱ CLEAR key: Confirm key to clear preset points.

⑲ Preset point selection key: 9 groups of preset points can be selected.

Steps to set preset points

(1) Position the camera.

(2) Select one of the keys 1-9.

(3) Press the SET key to complete the setting.

Invoke the preset point step:

(1) Select the prefab bit key that was set earlier.

(2) Press the CALL key and the camera lens will return to the preset position.

Clear preset point step:

(1) Select the preset key you want to delete.

(2) Click the CLEAR key to complete the clearing

After the camera is started, the lens is not in the starting position (the camera will be in the center position after the camera is started). Firstly, press the 0 key, and then press the CLEAR key to power off and restart the camera. After the camera is started, the lens will return to the middle position.

五、 Packing list

LIVECAM STATION, packing suitcase, instruction manual (electronic file), warranty card, certificate of qualification

六、After-sales service

1. The warranty period is 12 months from the date of sale. During the limited warranty period, you will enjoy free warranty service for product faults, which will be repaired by users or sent to the company (faults caused by improper use, human failure or irresistible causes do not belong to the warranty scope)..
2. In the limited warranty period of more than 12 months, the fault of the product will be paid lifetime maintenance service.
3. From the date when users send products to the company, 24 hours response service, switchboard telephone: +86 010-58732647.
4. Before sending the product back to our company, please contact the relevant technical personnel of our company in advance and then send the product back to our company. Otherwise, the maintenance is not timely, so as not to affect your use.

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