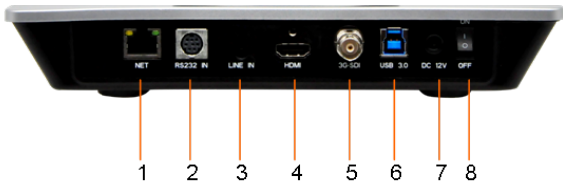


NTV74U4K Video Conference Camera  
User Manual



1 Appearance and Interface



No.	Name	No.	Name
1	Network Interface	5	3G-HDSDI
2	RS232 In	6	USB3.0
3	Audio Line-In	7	DC 12V
4	HDMI	8	Power Switch

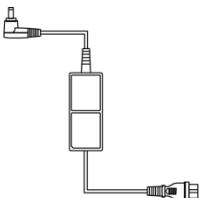
2 Packing List



Camera x 1



Remote Control x 1



AC Power Adaptor x 1

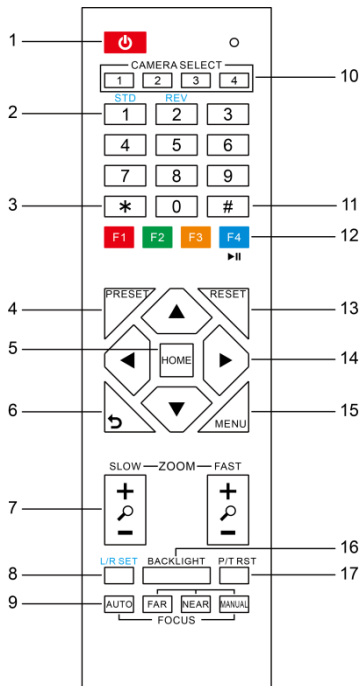


RS232 Cable x 1



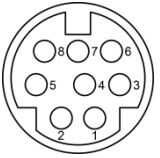
User Manual x 1

3 Remote Control



No.	Name	Function Description
1	Standby Key	Enter into standby mode
2	Number Key	Preset setting or transfer preset
3	*Key	Used in conjunction with other keys
4	Preset Key	Preset : Setting Preset + Number key ( 0-9 )
5	PTZ Control key	Returns camera back to the home position
6	Return Key	Returns back to the last menu level
7	Zoom Button	Making the lens wide angle/narrow angle slowly or quickly
8	Left/Right Setting Key	<ul style="list-style-type: none"><li>Standard: Simultaneously press Left/Right setting key + 1</li><li>Reverse: Simultaneously press Left/Right setting key + 2</li></ul>
9	Focus Key	auto/manual/far-end/near-end focus
10	Selection Key	Select the camera you need to control
11	#Key	Used in conjunction with other keys
12	IR Remote Control Key	【*+#+F1/F2/F3/F4】 : NO.1/2/3/4 address
13	Reset Key	Delete preset
14	PTZ control key	PTZ left/right/up/down
15	Menu Key	Enter or exit OSD Menu
16	Backlight Key	Turn on/off backlight function (loop)
17	PTZ reset key	PTZ starts self-test

## 4 RS232 Interface

Interface diagram	No.	Function	No.	Function
	1	DTR	5	RXD
	2	DSR	6	GND
	3	TXD	7	IR OUT
	4	GND	8	NC

## 5 Safety precautions

### Electrical safety

The installation and use of this product must strictly comply with local electrical safety standards.

### Power polarity

This product uses DC+12V power, please pay attention to the power polarity.



### Careful installation

Do not grab the camera head to move the camera.

Do not rotate head of camera by hand, it may cause mechanical problems.

### Do not unauthorized disassemble

This product has no parts which can be repaired by the user. The damage caused by the user's own disassembly is not covered by warranty.



Notice

- Electromagnetic fields at specific frequencies may affect the image of the machine.
- Do not hot-plug the power supply during the use of the IP Camera.

## 6 Troubleshooting

### Image

- The monitor shows no image
  - Check that the camera power supply is connected, the voltage is normal, and the power indicator light is always on.
  - Turn off the power switch to check whether the camera is self-testing.
  - Check the cable of video platform and TV whether connected correctly.
- Intermittent image loss

Check the cable of video platform and TV is connected correctly.

- Image has jitter when the camera lens at max multiple.
  - Check whether the camera's installed position is stable.
  - Check whether there is vibrating machinery or object near the camera.
- There is no image in IE Browser

Go to VLC website (<http://www.videolan.org/vlc>) download and install VLC media player, after it is installed, check IP Camera has normal image.

- Unable to access IP Camera through IE browser
  - Check PC has access to the network, check that the PC does not have a virus, use Ping to find out if the PC and IP Camera can communicate with each other.
  - Disconnect the network, connect IP Camera and PC separately, and reset the IP address of PC.
  - Check IP address, subnet mask, and gateway settings for IP Camera.
  - Check whether the MAC address is conflicted.
  - Check whether the Web port is occupied by another device.

- Forget IP address or website login password.
- Please remember (The default IP address: 192.168.100.88; default user name: admin; Default password: admin).

### Control

- Remote control doesn't work:
  - Check and replace with new batteries in the remote controller.
  - Check whether the camera working mode is correct.
- Serial port cannot control camera
  - Check whether the camera protocol, address etc is correct.
  - Check whether the cable is connected well.

## 7 Toxic and harmful substances

Part Name	Toxic or harmful substances or elements					
	(Pb)	(Hg)	(Cd)	(CrVI)	(PBB)	(PBDE)
Metal	x	O	O	O	O	O
Plastic	O	O	O	O	O	O
Glass	x	O	O	O	O	O
Circuit board	x	O	O	O	O	O
Power	x	O	O	O	O	O
Attached	x	O	O	O	O	O

This form is compiled in accordance with SJ/T 11364.

O: Indicates that the content of the hazardous substance in all homogenized materials of the component is subject to the limit specified in GB/T 26572.

x: Said the hazardous substance in at least one of the components homogenized material content in excess of the GB/T 26572 limit requirements, and there are no mature alternatives.

## 8 Warranty Card

If failure caused by non-human intervention occurs within one year from the date of purchase of the machine, the camera is covered by our return to workshop warranty. The following circumstances invalidates the warranty:

- modification which causes the camera fault.
- Use in an environment not conforming to requirements of the product.
- Uncontrollable factors, such as fire, earthquake, lightning strike, etc.
- Warranty card does not match the product number or it is altered.

User Name	
User Address/Post Code	
Contact Number	
Product Model	
Product Series	
Purchasing Date	
Invoice No.	
Sales Department	



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