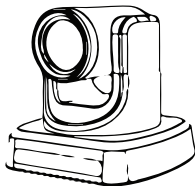


AVIZ 4K

USB PTZ 4K Video Conferencing Camera

User Manual



EXPERIENCE **next**

List Of Parts & Accessories

When you open the box, check all accessories according to the packing list.



Camera (1)



Power Adapter (1)



Remote Controller (1)



HDMI Cable (1)

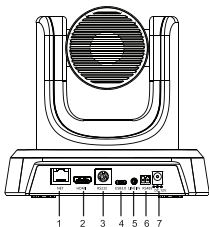


USB Cable (1)



RS-232 Control Cable (1)

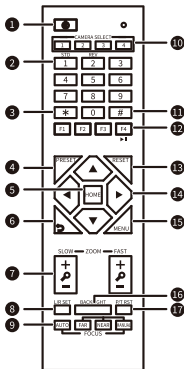
Main Parts & Interfaces



No.	Interface
1	NET Interface
2	HDMI Interface
3	RS232 Interface
4	USB3.0 Interface
5	LINE IN Interface
6	RS485 Interface
7	DC 12V Interface

Remote Controller

4.6 Remote Control



Key Description

1. (Standby) Key

Press to enter standby mode

2. Number Keys

To set preset or call preset

3. * Key

Use with other keys

4. PRESET Key

Successively press [PRESET] + Number key (0-9) to set preset position

5. HOME Key

Confirm selection or press to turn PTZ back to the middle position

6. (Return) Key

Press to return to the previous menu

7. ZOOM Keys

● SLOW: Zoom In [+] or Zoom Out [-] slowly

● FAST: Zoom In [+] or Zoom Out [-] fast

8. L/R SET Key

● Standard: Simultaneously press [L/R SET] + 1

● Reverse: Simultaneously press [L/R SET] + 2

9. FOCUS Keys

Auto/Manual/Far-end/Near-end focus

10. CAMERA SELECT Keys

Press to select and control the camera

11. # Key

Use with other keys

12. IR Remote Control Keys

Successively press [*] + [#] + [F1]/[F2]/[F3]/[F4] to set the camera address 1/2/3/4

13. RESET Key

Successively press [RESET] + Number key (0-9) to clear preset position

14. PTZ Control Keys

PTZ moved according to the arrow indicates

15. MENU Key

Enter or exit OSD menu

16. BACKLIGHT Key

Backlight On/Off

NOTE:

- Effective only in auto exposure mode
- If there is a light behind the subject, the subject will become dark, press the backlight key to enable the backlight compensation. Press again to disable this function

17. P/T RST (PTZ Reset) Key

Press to preset Pan/Tilt self-test

Shortcut Set

F4: Enable or disable the Image Freeze function

Successively press [*] + [#] + [1]:

OSD menu default English

Successively press [*] + [#] + [3]:

OSD menu default Chinese

Successively press [*] + [#] + [4]:

Display current IP address

Successively press [*] + [#] + [6]:

Quickly recover the default

Successively press [*] + [#] + [8]:

Check the camera version

Successively press [*] + [#] + [9]:

Quickly set up inversion

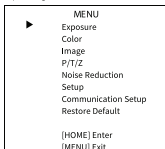
Successively press [*] + [#] + [MANUAL]:

Restore to default IP address

SETTING

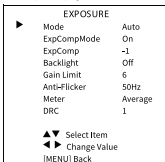
5.1 MENU

Press [MENU] key to display the main menu. Use the arrow key to move the cursor to desired item and press the [HOME] key to confirm to enter the corresponding sub-menu.



5.2 EXPOSURE

When in main menu page, move the cursor to [Exposure] and press [HOME] key to confirm to enter the Exposure page as below.



Mode: Auto, Manual, SAE, AAE, Bright.
ExpCompMode (Exposure Compensation Mode): On, Off (Effective in Auto mode).
ExpComp (Exposure Compensation Value): -7 ~ +7 (Effective in ExpCompMode On).
Backlight: On, Off (Effective in Auto mode).
Bright: 0~17 (Effective in Bright mode).

Gain Limit: 0 ~ 15 (Effective in Auto, SAE, AAE, Bright mode).

Anti-Flicker: Off, 50Hz, 60Hz (Effective in Auto, AAE, Bright mode).

Meter: Average, Center, Smart, Top (Effective in Auto, SAE, AAE, Bright mode).

Iris: F1.8, F2.0, F2.4, F2.8, F3.4, F4.0, F4.8, F5.6, F6.8, F8.0, F9.6, F11.0, Close (Effective in Manual, AAE mode).

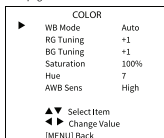
Shutter: 1/30, 1/60, 1/90, 1/100, 1/125, 1/180, 1/250, 1/350, 1/500, 1/725, 1/1000, 1/1500, 1/2000, 1/3000, 1/4000, 1/6000, 1/10000 (Effective in Manual, SAE mode).

Gain: 0 ~ 7 (Effective in Manual mode).

DRC: 0 ~ 8.

5.3 COLOR

When in main menu page, move the cursor to [Color] and press [HOME] key to confirm to enter the Color page as below.



WB-Mode (White Balance Mode): Auto, Indoor, Outdoor, One Push, Manual, VAR.

RG Tuning (Red Gain Tuning): -10 ~ +10 (Effective in Auto, One Push, VAR mode).

BG Tuning (Blue Gain Tuning): -10 ~ +10 (Effective in Auto, One Push, VAR mode).

Saturation: 60% ~ 200%.

Hue: 0 ~ 14.

AWB Sens (The White Balance Sensitivity): Low, Middle, High (Effective in Auto, One Push mode).

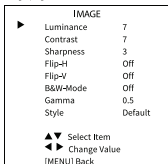
RG (Red Gain): 0~255 (Effective in Manual mode).

BG (Blue Gain): 0~255 (Effective in Manual mode).

Color Temp: 2500K ~ 8000K (Effective in VAR mode).

5.4 IMAGE

When in main menu page, move the cursor to [Image] and press [HOME] key to confirm to enter the Image page as below.



Luminance: 0 ~ 14.

Contrast: 0 ~ 14.

Sharpness: Auto, 0 ~ 15.

Flip-H: On, Off.

Flip-V: On, Off.

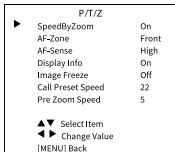
B&W-Mode: On, Off.

Gamma: 0.5, 0.56, 0.63, Ext, Default, 0.45.

Style: Default, Norm, Clarity, Bright, PC.

5.5 P/T/Z

When in main menu page, move the cursor to [P/T/Z] and press [HOME] key to confirm to enter the P/T/Z page as below.



SpeedByZoom (The Depth of Field Ratio): On, Off.

AF-Zone (Auto Focus Area): Front, Top, Center, Bottom.

AF-Sense (Auto Focus Sensitivity): Low, Normal, High.

Display Info: On, Off.

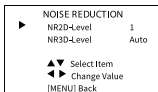
Image Freeze: On, Off.

Call Preset Speed: 1 ~ 24.

Pre Zoom Speed: 0 ~ 7.

5.6 NOISE REDUCTION

When in main menu page, move the cursor to [Noise Reduction] and press [HOME] key to confirm to enter the Noise Reduction page as below.

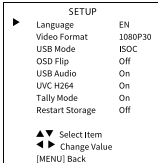


NR2D Level (2D Noise Reduction): Auto, Off, 1 ~ 5.

NR3D Level: (3D Noise Reduction): Auto, Off, 1 ~ 8.

5.7 SETUP

When in main menu page, move the cursor to [Setup] and press [HOME] key to confirm to enter the Setup page as below.



Language: EN, Chinese, Russian.

Video Format: 1080P30, 1080P25, 4K30, 4K25.

USB Mode: BULK, ISOC.

OSD Flip: On, Off.

USB Audio: On, Off.

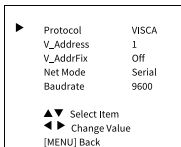
UVC H264: On, Off.

Tally Mode: On, Off.

Restart Storage: On, Off.

5.8 COMMUNICATION SETUP

When in main menu page, move the cursor to [Communication Setup] and press [HOME] key to confirm to enter the Communication Setup page as below.



Protocol: Auto, VISCA, PELCO-D, PELCO-P.

V_Address: 1 ~ 7 (Effective in Auto, VISCA protocol).

V_AddrFix: On, Off (When set to On, the 88 30 01 FF command does not work. Effective in Auto and VISCA protocol).

P_D_Address: 0 ~ 254 (Effective in Auto, PELCO-D protocol).

P_P_Address: 0 ~ 31 (Effective in Auto, PELCO-P protocol).

Net Mode (Set the Serial Port Network Control): Serial, Paral (Effective in Auto, VISCA protocol).

Baudrate: 2400, 4800, 9600, 38400.

5.9 RESTORE DEFAULT

When in main menu page, move the cursor to [Restore Default] and press [HOME] key to confirm to enter the Restore Default page as below.



Restore: Yes, No.

Maintenance

Camera Maintenance

- If the camera is not used for a long time, please disconnect the power after use.
- Use soft cloth or cotton paper to remove dust from the camera housing.
- When cleaning the camera lens, please use dry soft cloth to wipe, if dirt is serious, use neutral cleaner gently. Do not use strong or corrosive detergent, lest the lens scratch, affect the image effect.

Avoid Using

- The camera should avoid shooting particularly bright objects, such as sunlight, lights, etc.
- The camera should not work under unstable lighting conditions, otherwise the image will flash.
- Do not use around facilities that can transmit high-power radio waves, such as television station or radio-transmitting station.

Please do not attempt to repair the device, or there is a risk of electric shock.

If there is a problem that needs to repair, please contact your dealer For Installation, Service and Support: Email support@atnetindia.net

Service and Support:
support@atnetindia.net
1800-425-5847

Manufactured in India by



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