

## KC50

### Multi-function PTZ camera controller

4D joystick

4\*PVW

Shortcuts

P/T/Z control

WBC/Exposure/Focus control

Customized Knob+5.5" LCD



### Product features

■ Four-dimensional precision rocker+3D scale knob+Ergonomics Zoom key:

Adjustable Key parameters of camera WBC, exposure, focusing and zoom etc;

■ Built-in 5.5" full HD LCD display:

Supports simultaneous PVW of 4 camera video images through the streaming protocol (only NDI|HX2 and RTSP); streaming supports up to 1080P60 ultra-high-definition resolution video stream;

■ Support HDMI output large-screen display:

Output the front camera image to the monitor for real-time preview through the HDMI interface, supporting up to 1080P60 ultra-high definition resolution;

■ **Support 7 camera shortcuts:**

You can quickly set 7 camera shortcut keys according to your needs, and support up to 1000 camera information could be saved;

■ **Brand-new UI operational interface & WEB control background:**

Brand-new UI operation interface, supports remote customization of functions and parameter configuration through the WEB background, and supports WEB device upgrades;

■ **PTZ camera menu remote operation:**

Quickly open the current camera menu and combine the joystick and preview screen or picture screen to implement functional operations;

\* This function is recommended to be applied with HDKATOV cameras.

■ **White and red backlit silicone buttons:**

Made of high-quality silicone, it has an excellent hand feel, supports white and red backlights, and can operate smoothly even in low-light environments. It supports input of letters and commonly used characters, and can be used to name the camera, edit addresses, etc;

■ **Support one-click lock key:**

One-click to lock the controller button to effectively avoid misoperation;

■ **Multiple control protocols, suitable for most of the scenes:**

Support VISCA, VISCA Over IP, VISCA TCP, PELCO P/D, Onvif and NDI Control protocol, support automatic identification protocol;

■ **Rich interfaces, multiple connection methods:**

External RS-232, RS422/485 serial port and RJ45 network interface, network interface supports POE function to reduce wiring troubles;

■ **External connection Tally interface:**

Support up to 8 tally channels;

■ **Support customized knobs Function:**

Support custom image effect adjustment functions of F1, F2, F3, and F4 knobs. There is a corresponding LCD screen below each knob to display the knob function, and the best operating function can be set according to user needs.

## Specifications

Specifications	
Joystick	4D precision joystick
Knob	3D knob, support scale rotation to adjust the parameters, support customized functions
Preview	Support real time preview
Silicone Buttons	High-quality silicone buttons support white and red two-color backlight
Screen	5.5" LCD color display
Display	Support 1080P60 fps video output display

Shortcuts	Support 7 camera shortcut settings
Sound	The sound of the button prompts on/off
Lock	Support one-click locking function
Max. No. of cameras can be saved	1000
Max. No. of preset positions can be saved	255
<b>Customized Knob</b>	
Navigation	Support
Gain Limit	Support
Max. shutter speed	Support
Min. shutter speed	Support
Auto exposure speed	Support
Exposure compensation	Support
BLC	Support
IR switch filter	Support
ND filter	Support
WBC speed	Support
Gama curve	Support
Gama offset	Support
Gama Pattern	Support
Anti-flicker	Support
Noise reduction mode	Support
Noise reduction value	Support
User instructions	Support
<b>Control</b>	
Control interface	RJ45(Support POE and NDI@  HX2 (optional)), RS-232, RS-422/485
IP control protocol	Onvif, VISCA Over IP, VISCA TCP, NDI@
Serial port control protocol	VISCA, Pelco D, Pelco P
<b>Power Supply</b>	
Input Voltage	12V
Input Current	0.6A
POE	802.3af
Rated power	7.2W
<b>Other</b>	
Tally	Support up to 8 channels
Usage Environment	Interior
Working Temperature	-10℃-40℃
Storage Temperature	-20℃-60℃
External Dimensions	354*165*121mm (including joystick height)
Weight	1.5kgs

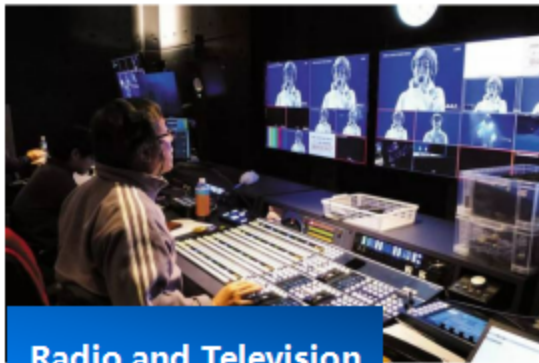
## Application



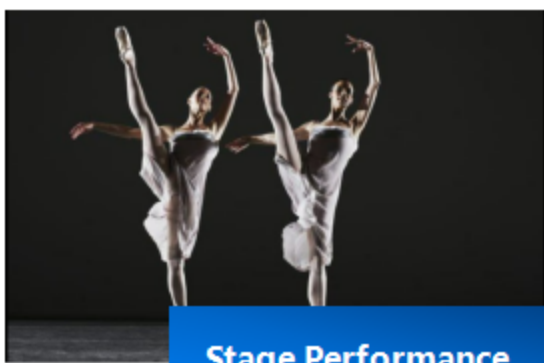
**Professional Gaming**



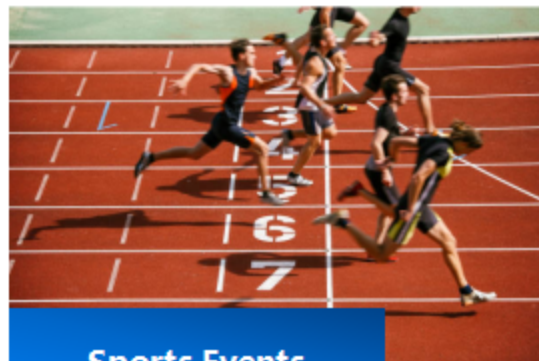
**Church Recording**



**Radio and Television**



**Stage Performance**

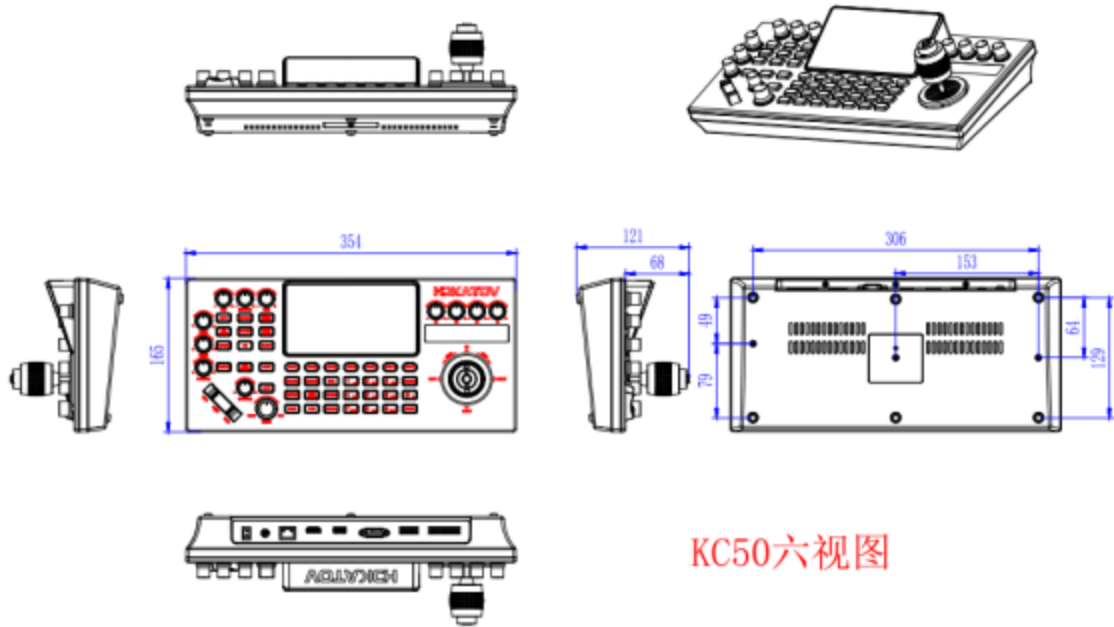


**Sports Events**



**Academic Seminar**

## Dimension



KC50六视图

## Connection

