KC20N

Multifunctional PTZ controller

| 4D Joystick | Real-time Preview | 7-Camera Shortcuts |

| PTZ Control | White Balance/Exposure/Focus Control |

| POE | Custom Buttons | NDI|HX2 |

Features

■**4D precise Joystick+3D knobs+ergonomic zoom button:**

Camera parameters control such as white balance, exposure, focus and zoom etc.

■**Built-in 3-inch color screen:**

Support real-time PVW of current camera viewing through up streaming (NDI|HX2 and RTSP only).

■**Support 7 cameras selection shortcuts:**

7 camera shortcuts can be set quickly according to requirements; Up to 1000 cameras information can be saved.

■**Newly upgraded UI operation interface:**

Display main parameters of cameras directly, personalize stylish interface casually.

■**Remote control of PTZ camera menu:**

Open camera's menu quickly and combine PVW screen or image screen to control.

* This function is recommended to be used with our camera.

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

High-quality silicone, excellent touch, support white and red backlight so it can be operated smoothly in a low-light environment; support letters and common characters input and other operations such as editing camera's name and address.

■**Support buttons lock via one click:**

Lock buttons via one click to avoid misoperation.

■**Multiple control protocols, apply to abundant venues:**

Supports VISCA, VISCA Over IP, VISCA TCP, PELCO P/D, Onvif, and NDI® (optional) control protocols, with automatic protocol recognition.

* Additional licenses are required to upgrade the NDI function, please consult the manufacturer for details.

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

External RS-232, RS422/485 serial port and RJ45 network interface. The network interface supports POE function, thereby reducing wiring trouble.

■**External tally interface:**

Support up to 7 tally channels.

■**Support customizable buttons:**

Supports custom F1, F2, PVW buttons that can be tailored to the user's preferences for optimal functionality.

Specifications

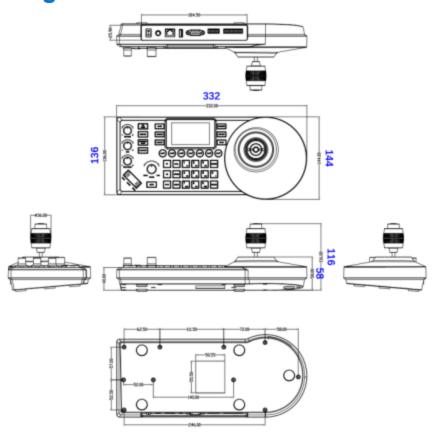| Keyboard Parameters	
Joystick	4D precision Joystick
Knobs	3D knobs, support scale rotation to adjust parameters, support button function to select mode
Buttons	High-quality silicone buttons, support white and red two-color backlight
Screen	3' LCD color display
Shortcut Button	Support 7 camera shortcut button settings
Button Prompt Tone	Button sound prompt On/Off
Lock Button	Support one-key lock function
Max. Control Quantity	1000

Max.Preset Position	255
Control	
Control Interface	RJ45 (supports POE and NDI®|HX2 optional), RS-232, RS-422/485
IP Control Protocol	Onvif, VISCA Over IP, VISCA TCP, NDI® (optional)
Serial Port Protocol	VISCA, Pelco D, Pelco P
Power Supply	
Input Voltage	12V
Input Current	0.25A
POE	802.3af
Rated Power	3W
General Specifications	
Tally	Supports up to 7 channels at most.
USB Interface	Upgrade using an external USB flash drive.
Operating Environment	Indoor
Operating Temperature	-10°C~40°C
Storage Temperature	-20°C~60°C
Dimension	(W)332*(D)136*(H)58mm (Joystick height is not included) (W)332*(D)136*(H)116mm (Joystick height is included)
Weight	0.8 kg

Diagram

Connection