



# KBC20

## PTZ Camera Controller

**Variable 4D Joystick**

**Multi-Cameras**  
Video Production

**Multi-Control Protocols**

**Multiple Interfaces**

**Two Control Modes**  
(Network Mode & Analog Mode)

## >> FEATURES

- Supports network and analog control modes
- Supports multiple control protocols (VISCA, ONVIF, IP VISCA, PELCO-P, PELCO-D)
- Variable 4D joystick for pres control
- Reasonable and intuitive button layout, easily pan, tilt, zoom, focus, Iris, backlight, presets, PTZ Speed, and quick PTZ Camera select according to your needs
- PoE supported, one cable solves power supply and transmission
- Equipped with multiple professional interfaces including RS232/RS422/RS485, LAN interface
- Supports IE browser to add configuration front-end device parameters
- Ideal for large video conferencing, church worship events, live streaming, live broadcast shows, online learning, group training, college lecture and other large scenarios

## >> PACKING LIST



PTZ Camera Controller



Power Adapter

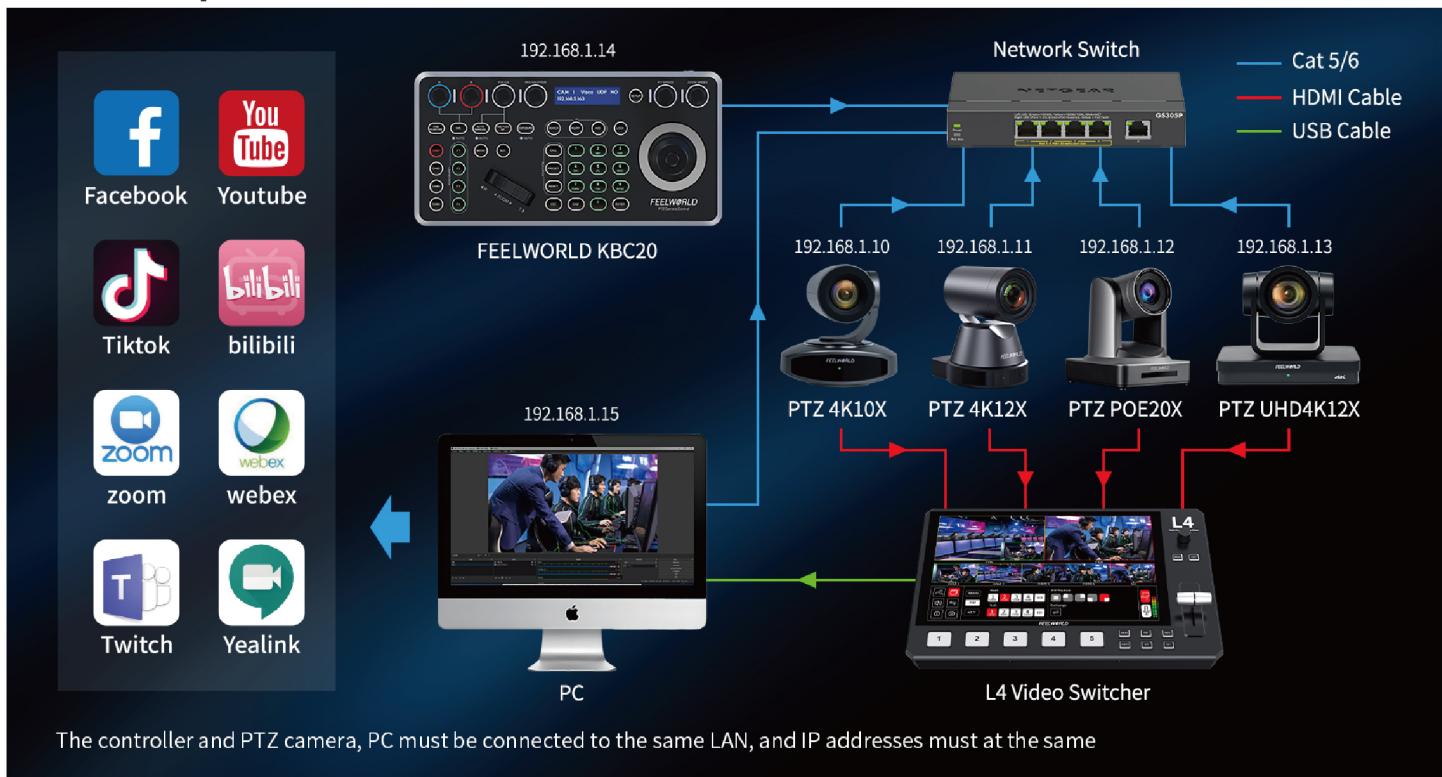


RS45-DIN8 Cable



Quick Start Guide

# >> Multiple Camera Control Solution



## >> PARAMETERS

Description	PTZ Camera Controller	
Model No.	KBC20	
Connectors	LAN	1×RJ45
	Communication	RS422 (RS485)
		1×5 Pin Terminal
	RS232/RS485/RS422	1xRJ45
Performance	TALLY CONTACT	1x8 Pin
	Communication	Network:ONVIF, IP VISCA, SONY VISCA OVER IP;
	Protocols	Serial Port:VISCA, PELCO-D, PELCO-P
	Baud Rate	1200bps,2400bps,4800bps,9600bps,19200bps,38400bps,115200bps
	Display	LCD Screen
	Joystick	Four dimensions (control: up, down, left, right, zoom, confirm)
	Upgrade	WEB upgrade
Power Supply	DC 12V/1A±10%	
Max Power	6W	
Working Temperature	0°C~50°C	
Storage Temperature	-20°C~70°C	
Humidity	≤90%RH(No frosting)	
Unit Weight	1.9kg	
Unit Size	270mm (L) X135mm (W) X110mm(H)	

# >> STRUCTURE

## Controller Keys Function

SET UP: Set controller

SEARCH: Search, automatically search key in LAN

INQUIRE: Inquiry, view and connect the saved devices

ADD: Add, manually add devices in LAN

LOCK: Lock controllers' keys

CALL: Recall the presets

PRESET: Set the preset, number keys +PRESET

RESET: Reset the preset, number keys +RESET

ESC: Exit or back, exit the controller system or back to the previous level

Number Keys 0-9: Used for IP and presets

CAM: Switch Channel

ENTER: Enter, confirm the setting

## LCD Screen

## Knob Area

B: Blue Gain±

R: Red Gain±

FOCUS: Focus±

IRIS/SHUTTER: Iris/Shutter Adjustment±

P/T SPEED: PTZ Speed Adjustment±

ZOOM SPEED: Zoom Speed Adjustment±

## Camera Function Area

ONE PUSH WB: One Push, WB

WB: Auto/Manual WB

AUTO MANUAL: Auto/Manual Focus

ONE PUSH AF: One Push Auto Focus

EXPOSURE: Auto/Manual Iris, Manual Shutter

MENU: Camera Menu

BLC: BLC On/Off

BOAT SWITCH: Zoom±



## Shortcut Function

CAM1-4: Camera switching keys

F1-F4: Customizable buttons with adjustable functions such as: HOME position, gimbal reset, power on/off, button mute, image freeze, image flip, and customizable designated keys.

## Variable-speed 4D Joystick



### ANALOG MODE

RS232/ RS485/RS422: Supports VISCA, PELCO-D/ PELCO-P

### NETWORK MODE

LAN/RJ45: Supports SONY VISCA, VISCA TCP/ VISCA UDP, Supports PoE.

Safety lock slot

KENSINGTON

TALLY/CONTACT

RS422

RS232/482/422

LAN

DC 12V

POWER

Supports VISCA, PELCO-D/ PELCO-P

Supports VISCA, PELCO-D/ PELCO-P

Ethernet/RJ45 Network Connection, PoE power supported

Power Input

Power Switch



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