



# KBC20N

## NDI PTZ Camera Controller

**Variable 4D Joystick**

360°

**Multi-Cameras**  
Video Production

**Multi-Control Protocols**

NDI VISCA ONVIF IP VISCA PELCO-P PELCO-D

**Multiple Interfaces**

**4 Cameras Selection Shortcuts**

CAM1

CAM2

CAM3

CAM4

**POE Power Supply**

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

### >> PACKING LIST



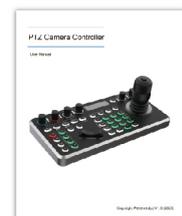
PTZ Camera Controller



Power Adapter



RS45-DIN8 Cable

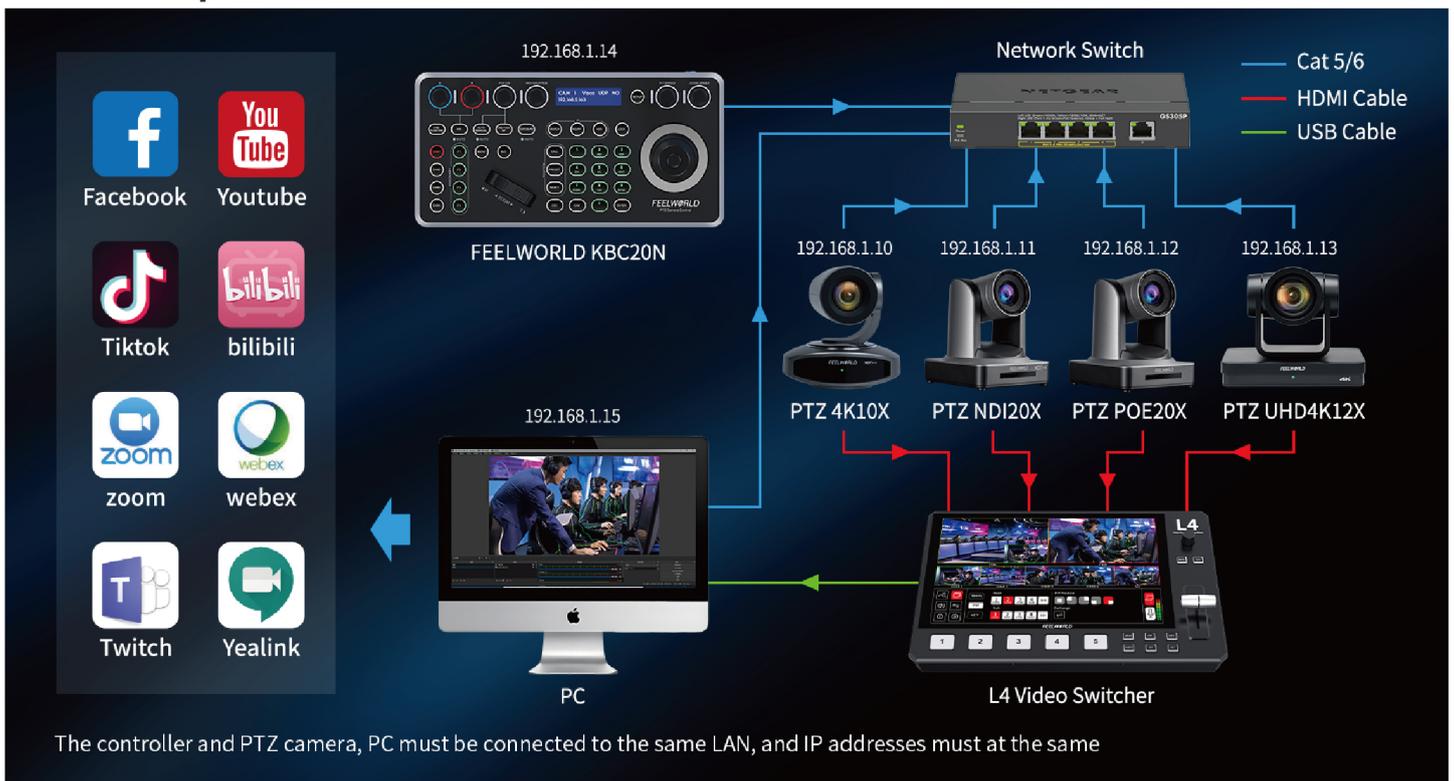


Quick Start Guide

### >> FEATURES

- Supports network and analog control modes
- Supports multiple control protocols (NDI, VISCA, IP VISCA, ONVIF, 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 solve 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

## >> Multiple Camera Control Solution



## >> PARAMETERS

Description	PTZ Camera Controller		
Model No.	KBC20		
Connectors	Communication	LAN	1×RJ45
		RS422 (RS485)	1×5 Pin Terminal
		RS232/RS485/RS422	1xRJ45
	TALLY CONTACT	1x8 Pin	
Performance	Communication	Network: ONVIF, IP VISCA, SONY VISCA OVER IP, NDI;	
	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	1.3kg		
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 NDI, SONY VISCA, VISCA TCP/ VISCA UDP, Supports PoE.

Safety lock slot

**KENSINGTON**

**TALLY/CONTACT**

Supports VISCA, PELCO-D/ PELCO-P

**RS422**

Supports VISCA, PELCO-D/ PELCO-P

**RS232/482/422**

Ethernet/RJ45 Network Connection, PoE power supported

**LAN**

Power Input

**DC 12V**

Power Switch

**POWER**



Zhangzhou Seetec Optoelectronics Technology Co., Ltd

E-mail: sales@feelworld.cn

Tel: +86-596-2672627

Website: www.feelworld.com.cn

Fax: +86-596-2672617

www.seetec.com.cn