



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

4 Cameras Selection Shortcuts

CAM1
CAM2
CAM3
CAM4

POE Power Supply

Multiple Interfaces

LAN RS232/RS422 TA TA RA RS G RS-422 TALLY/CONTACT

Two Control Modes
(Network Mode & Analog Mode)

>> PACKING LIST



PTZ Camera Controller



Power Adapter



RS45-DIN8 Cable

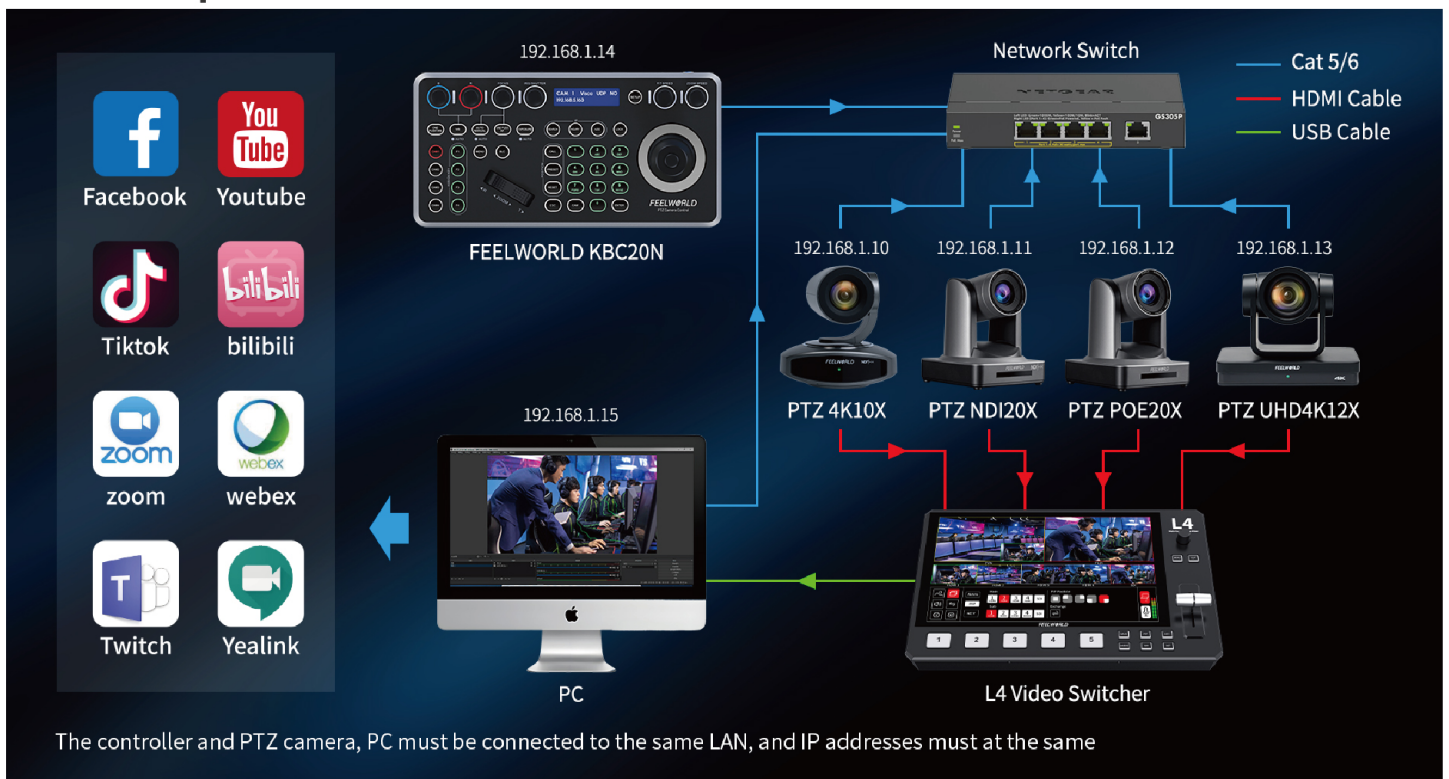


Quick Start Guide

>> 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.	KBC20N		
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) X 135mm (W) X 110mm (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



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