BROADCAST APPLICATION-LEVEL CONTROLLER SOLUTION

PUS-MKB10

MINI PRO PTZ CONTROLLER

Smooth PTZ Rotation Control	MAX 5 — Max. 5 PTZ Cameras	RS-232 RS-485 RS-422 Visca Over IP — Multi-interface Communication	VISCA UDP PELCO P/D — Built-in Control Protocols	POE Power Supply (optional)

Products Description

PUS-MKB10 is a Mini and Compact Broadcast application-level controller solution. The key layout is combined with ergonomic operation experience design. The distributed design of 2-Axis joystick and zoom bridge keys to improves controllability, Be more stronger and more stable. The Silicone backlight Button design, more comfortable in Operation, built-in VISCA, UDP, PELCO P/D Multi control protocols, support RS422/RS485/RS232/IP(UDP) and other multi-interface methods for simultaneous communication, Adopt 5 camera Channel shortcut keys and Five infinitely variable knobs , 4 color LED multi-screen display design, easy to set up and operate; support Auto exposure and white balance multi-mode visual switching, real-time value presentation is more intuitive; support one-button Auto, manual, OPT focus mode. Supports 7-level Pan/Tilt Rotation speed and Zoom speed visualable adjustment.

It's mostly used in Video conferencing, ProAV systems, Studios, Broadcasting Solution, Education AV, Telemedicine, Events & Sports Live Streaming System solution.
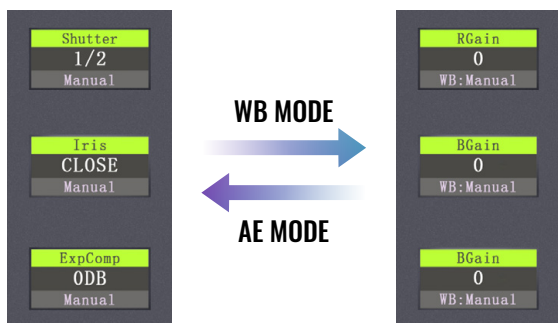
FC CE RoHS ISO

3 Years Warranty

Exquisite & Compact Appearance Design

Exquisite & Compact appearance design, key layout combined with ergonomic operation experience design.

CHANNEL BUTTON ZONE   LED DISPLAY

ROTATION KNOB ZOON

FUNCTION KEY ZONE

PRESETS FUNCTION ZONE

ZOOM BRIDGE KEY

2-AIXS JOYSTICK

FOCUS FUNCTION ZOON   FOCUS KNOB   PTZ SPEED ADJUSTMENT KNOB

Adopt 4 Color LED Multi-screen Display Design

■ Adopt 4 color LED multi-screen display design.

■ The Display panel backlight three blocks (low, high, normal) can be adjusted.

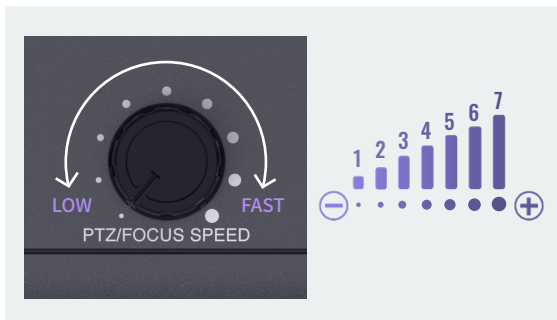■ Using color Backlight key design, more Fashion.

Real-time Value Presentation is More Intuitive

WB MODE

AE MODE

■ Support Auto exposure and white balance multi-mode visual switching, real-time value presentation is more intuitive.

■ AE MODE Key: This key is used to change the automatic exposure mode of the camera. Each time is pressed, the camera changes to different exposure mode.

■ WB MODE Key: This Key is used to changed the White Balance of the camera. Each Time is pressed, the camera will be changed to different WB Mode.

Distributed Design of The Pan/Tilt Rotation Control and Zoom Bridge Keys

■ Using the distributed design of the Pan/Tilt Rotation Control and zoom bridge keys, the controllability is more stronger and more stable.

■ Zoom Bridge Key: It is used to control the camera to Zoom In/Out.

■ 2-Aixs Joystick: The joystick supports control camera to Up/Down, Left and Right movement.
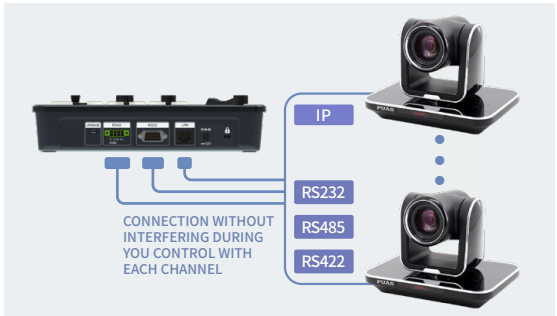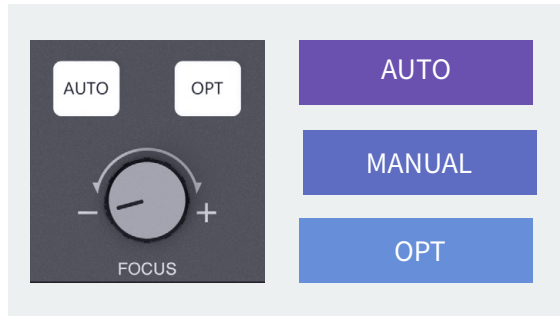
Supports 7-level Pan/Tilt Rotation Speed and Zoom Speed Visualable Adjustment

■ This knob is used to adjust the speed of Camera Pan, Tlit and Zoom, with a total of 7 gears.

■ The Current Gear will be display at Led Display. The Gear Value is more small then the pan/tilt rotation speed or the zoom speed of the camera controlled by the keyboard will be more Slowly.

Support One-button Click for Operation in Auto, Manual, OPT Focus Mode

■ When the Backlight of [AUTO]Button is Light up, it means that the current focusing mode is the automatic; When the Backlight of [AUTO] Button is light Off, it means that Current Focus Mode is changed to Manual. User can press this button to switch the mode.

■ [OPT KEY] is used to trigger the single focus of the camera.At the same time, the camera enters the one-shot auto focus mode.
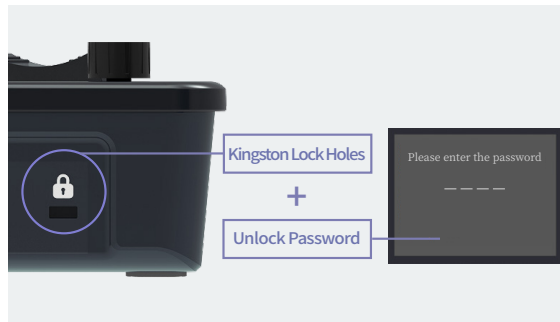
With Strong Compatibility It Can Control All PTZ Cameras

■ Support RS422/RS485/RS232/IP and other multi-interface methods for simultaneous communication and connection without interfering during you control with each channel.

■ Built-in VISCA, UDP, PELCO P/D Multi control protocols, with strong compatibility, which can control all PTZ cameras.

Support Password Setting

■ Support password setting, Operation permission limit, with Kingston lock holes design.

■ The user can change the password by himself. If the password is not changed, the password is the default password.

■ Please use this function with caution.

Support Presets Setting and Call & Reset Real-time Display in Main Screen

■ 5-Channel camera shortcut buttons and 5 infinitely variable rotations to fast set and operation the camera in system.

■ Supports up to 5 presets to call and store shortcut.

■ Max support to connection with 5 PTZ Camera in simultaneous.

Parameters & Specs

Communication & Control Interface	RS422/RS485 Interface	Power Supply	LAN Interface
	Phoenix Contact 4 pin 3.81mm Terminal	JEITA type4 Female Interface	RJ45 Female Interface
	RS232C Interface	**Upgrade Online**	
	DB9 Male Interface	Micro USB Female Interface	

Camera Control or Operation	Supports up to Control Cameras	Joystick	Focus Mode
	5	2-Axis	Auto/ Manual/ OPT
	Communication Protocol	**Zoom Mode**	**Pan/Tilt Rotation Speed**
	VISCA, PELCO P/D, UDP	Tele-Wide Bridge Keys	7-Level Adjustment
	Number of LED Displays	**Camera Menu**	**Zoom In/Out Speed**
	4 Units Color LED Display Screen	One-keys for call	7-Level Adjustment
	Number of Camera Channel	**Buttons**	**AE Mode**
	5	17 Silicon Button	The mode can be switched arbitrarily, and the value can be adjusted
	Infinitely variable knobs	**Presets Short keys**	**WB Mode**
	4	5 Presets per Each channel	The mode can be switched arbitrarily, and the value can be adjusted

Control Signal Format	Baud Rate	Date Bits	Parity bit
	2400bps, 4800bps, 9600bps, 19200bps, 38400bps	8 Bit	NONE
	Internet Protocol	**Stop Bit**	
	UDP / VISCA OVER IP	1 Bit	

Power Supply and Consumption	Power Connector Type	Rated Voltage / Rated Current	Max Power Consumption
	JEITA type (DC IN 12V) / POE	DC 12V / 0.3A max	3.6W

Physical & Others	Password Privacy Protection	Kingston's Lock Holes	Dimensions (L× W × H)
	YES	YES	244 × 164 × 48mm
	Works Temperature	**Storage Temperature**	**G.W**
	0℃ ~ 40℃ (32 °F ~ 104 °F)	-20℃ ~ +60℃ (-4 °F ~ 140 °F)	1.1 kg
	Works Environments	**Accessories**	
	Indoor	Phoenix Contact 4 pin 3.81mm Terminal / Power Adapter / User Manual	

Dimension

① Upgrade Online － Micro USB Female Interface
② RS422/RS485 Interface － Phoenix Contact 4 pin 3.81mm Terminal
③ RS232C Interface － DB9 Male Interface
④ LAN Interface － RJ45 Female Interface
⑤ Power Supply － JEITA type4 Female Interface
⑥ Kingston Lock Holes

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