

BG-COMMANDER-JR

JOYSTICK CONTROLLER

UNIVERSAL COMPACT SERIAL AND IP PTZ CAMERA
JOYSTICK CONTROLLER WITH RS-232/422
SUPPORT

Introducing the BG-Commander-Jr, the compact yet powerful professional-grade joystick controller designed to meet the demands of a variety of applications. With its 2-axis joystick and zoom bridge key design, this controller provides refined control, durability, and stability, ensuring smooth and precise camera movement.

The BG-Commander-Jr sets itself apart with its 7-level PTZ speed control, providing operators with complete control over their camera movements with a visual indicator to show the current speed level. Image parameters such as exposure and gain are easily adjustable with knob-style controls and their own small displays showing current value for easy reference.



FEATURES



COMPACT DESIGN

Portable and can be strategically placed



4 COLOR LED MULTI-SCREEN DISPLAY

Review settings at a glance



SIMPLIFIED CONTROLS

Separated Pan/Tilt joystick and zoom keys for better control and reliability



CONTROL PTZ SPEEDS

7-level PTZ speed control with visual indicator



QUICK SELECT

One-button click for auto, manual, and OPT focus modes



FLEXIBLE COMPATIBILITY

Wide compatibility allows for control of most PTZ cameras



TECH SPECIFICATIONS

Communication and Control Interface

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

Control Signal Format

Baud Rate	2400bps, 4800bps, 9600bps, 19200bps, 38400bps
Date Bit	8-bit
Stop Bit	1-bit
Parity bit	NONE
Internet Protocol	Internet Protocol:
Power Supply and Consumption	Rated Voltage DC 12V Rated Current 0.3A max
Max Power Consumption	3.6W

Physical and Misc.

Password Privacy Protection	YES
Kingston's Lock Holes	YES
Working Temperature	32°F ~ 104°F / 0°C ~ 40°C
Storage Temperature	-4°F ~ 140°F / -20°C ~ +60°
Working Environment	Indoor
Dimensions (L x W x H)	9.6 x 6.5 x 1.9in [244 x 164 x 48mm]
Gross Weight	2.43 lbs [1.1 kg]

Camera Control and Operation

Supported number of cameras	5
Communication Protocol	VISCA, PELCO P/D, UDP
Number of LED Display	4 Units Color LED Display Screen
Number of Camera Channels	5
Variable knobs	4
Joystick	2-Axis
Zoom Mode	Tele-Wide Bridge Keys
Buttons	17 Silicon Button
Presets Short key	5 Presets per Each channel
Focus Mode	Auto / Manual / OPT
Pan/Tilt Rotation Speed	7-Level Adjustmen
Zoom In/Out Speed	7-Level Adjustmen
AE Mode / WB Mode	The mode can be switched arbitrarily, and the value can be adjusted



Limited Product Warranty Terms

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product Warranty.

For complete warranty information, please visit bzbgear.com/warranty.

For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Pro Line Products
5-YEAR WARRANTY

Essential Line Products
3-YEAR WARRANTY

Cables Products
LIFETIME WARRANTY

