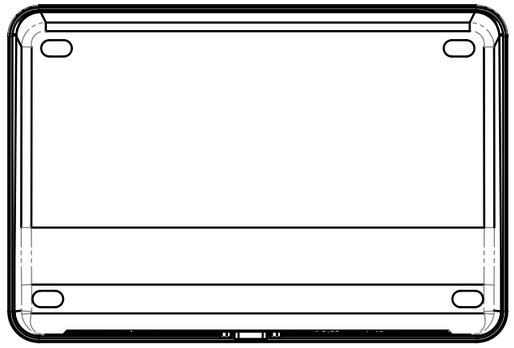
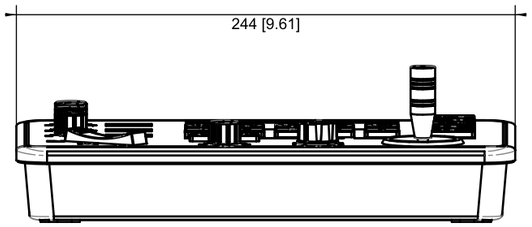
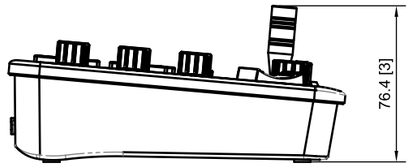
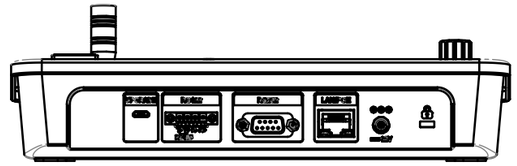
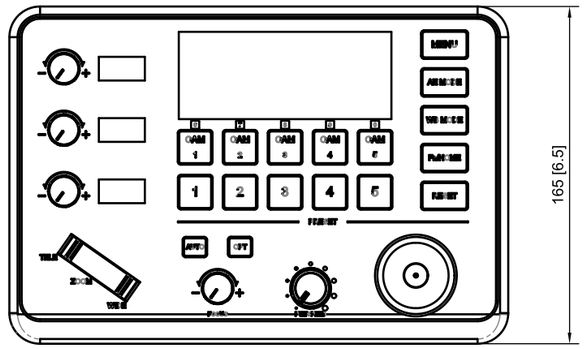
REVISIONS	REV	DESCRIPTION	DATE	APPROVED
	R01	INITIAL RELEASE	2026-11-08	

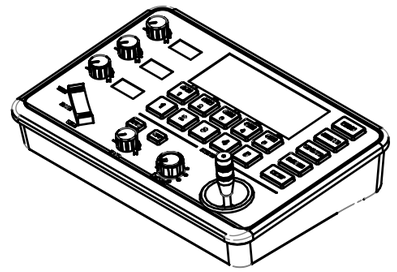












NOTES:

1. DIMENSIONS IN MILLIMETERS [INCHES] AS ON THE MANUFACTURER DRAWING. DO NOT SCALE DRAWING.
2. DIMENSIONS ARE NOMINAL; TOLERANCE ±0.5 mm [±0.02 in] UNLESS OTHERWISE SPECIFIED.
3. VIEWS AND DIMENSIONS FROM THE MANUFACTURER CAD, RE-DRAWN ON THE BZBGEAR SHEET.

PROPRIETARY: THIS DRAWING AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF BZBGEAR.
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

	NAME	DATE
DRAWN	BZBGEAR	2026-11-08
CHECKED		
APPROVED		
UNITS	mm [in]	
TOLERANCE	±0.5 mm [±0.02 in] U.O.S.	
MATERIAL	METAL ENCLOSURE	
FINISH	BLACK	
	THIRD ANGLE PROJECTION	

BZBGEAR®
830 National Dr Ste 140, Sacramento, CA 95834, USA
Office: (888) 499-9906 | Local: +1 (916) 383-3154 | info@bzbgear.com

TITLE
UNIVERSAL COMPACT SERIAL AND IP PTZ CAMERA JOYSTICK...
OUTLINE DIMENSIONS (MANUFACTURER VIEWS)

MODEL / DWG NO.
JUNIOR COMMANDER

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:3	1.100 kg	1 OF 2	R01

REVISIONS	REV	DESCRIPTION	DATE	APPROVED
	R01	INITIAL RELEASE	2026-11-08	

CONNECTOR REFERENCE

INTERFACE	CONNECTORS / DESCRIPTION
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

NOTES:

1. CONNECTOR LIST FROM THE PRODUCT TECHNICAL SPECIFICATIONS ON BZBGEAR.COM.
2. CONNECTOR POSITIONS: SEE SHEET 1 (MANUFACTURER VIEWS).
3. CONFIRM CONNECTOR TYPES AND LABELS AGAINST THE PRODUCT.

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	NAME	DATE
DRAWN	BZBGEAR	2026-11-08
CHECKED		
APPROVED		
UNITS	mm [in]	
TOLERANCE	±0.5 mm [±0.02 in] U.O.S.	
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TITLE
UNIVERSAL COMPACT SERIAL AND IP PTZ CAMERA JOYSTICK...
CONNECTORS (INPUTS / OUTPUTS / CONTROL / POWER)

MODEL / DWG NO.
JUNIOR COMMANDER

SIZE	SCALE	WEIGHT	SHEET	REV
A3	NTS	1.100 kg	2 OF 2	R01