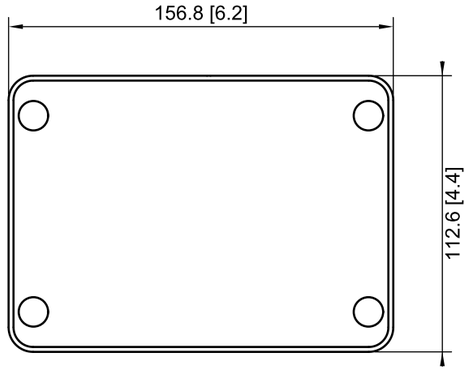
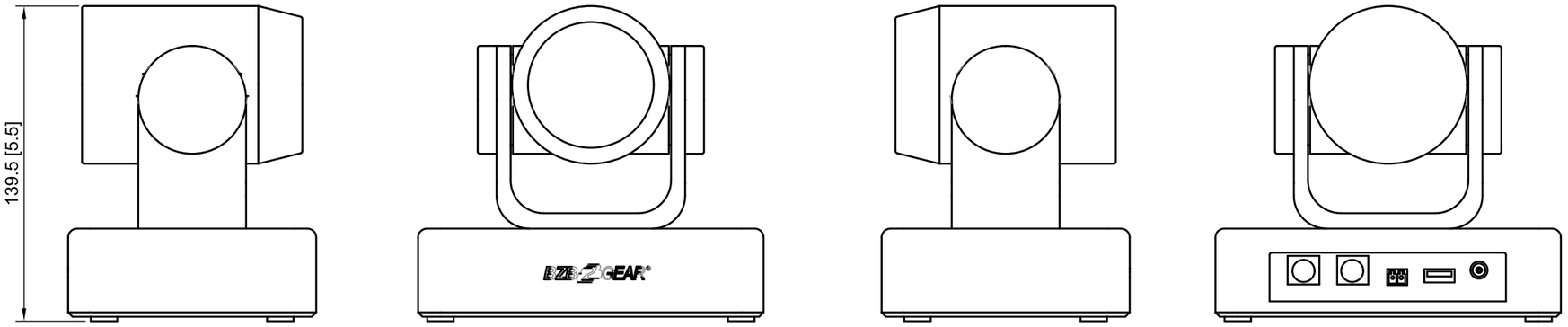
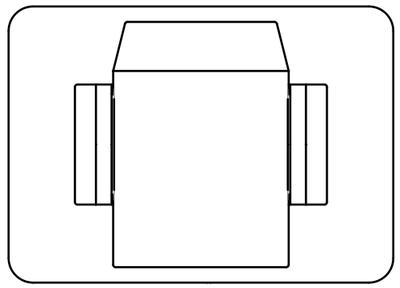
REVISIONS	REV	DESCRIPTION	DATE	APPROVED
	R01	INITIAL RELEASE	2026-11-08	







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	

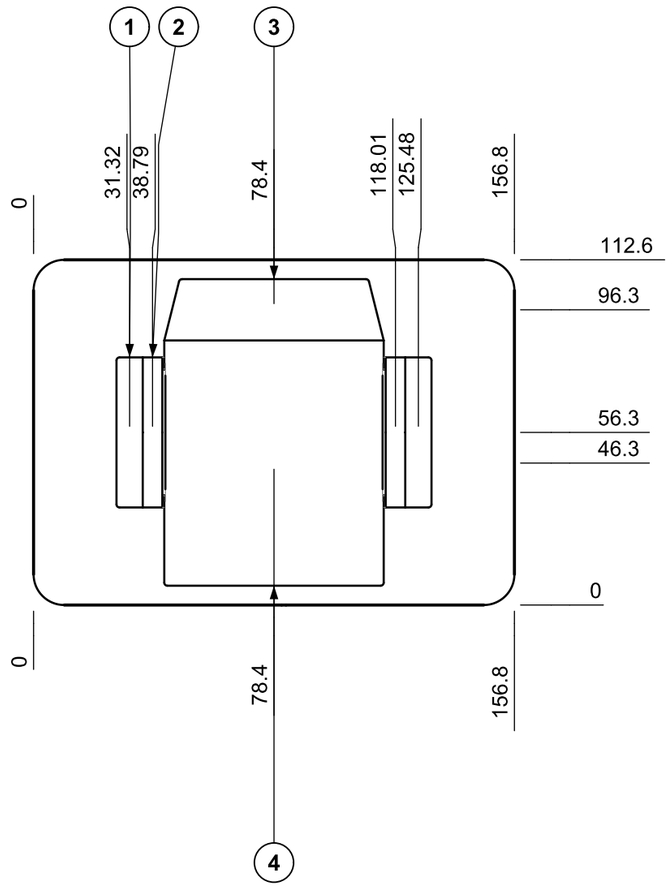
BZBGEAR®
830 National Dr Ste 140, Sacramento, CA 95834, USA
Office: (888) 499-9906 | Local: +1 (916) 383-3154 | info@bzbgear.com

TITLE
CORE 1080P FHD 3X/10X USB 2.0/RS-232 HUDDLE ROOM CAMERA - 3X
OUTLINE DIMENSIONS (MANUFACTURER VIEWS)

MODEL / DWG NO.
BG-BPTZ-3XU

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:2.5	1.000 kg	1 OF 4	R01

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



FRONT PANEL

ORDINATE DIMENSIONS TO FEATURE CENTRES FROM THE LOWER-LEFT CORNER OF THE PANEL AS VIEWED.

FRONT PANEL CALLOUTS

ITEM	DESCRIPTION	QTY
1	OPENING / FEATURE 8.56 X 48.95	2
2	OPENING / FEATURE 6.39 X 48.95	2
3	OPENING / FEATURE 71.55 X 20	1
4	OPENING / FEATURE 72.83 X 80	1

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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.	
MATERIAL	METAL ENCLOSURE	
FINISH	BLACK	
	THIRD ANGLE PROJECTION	

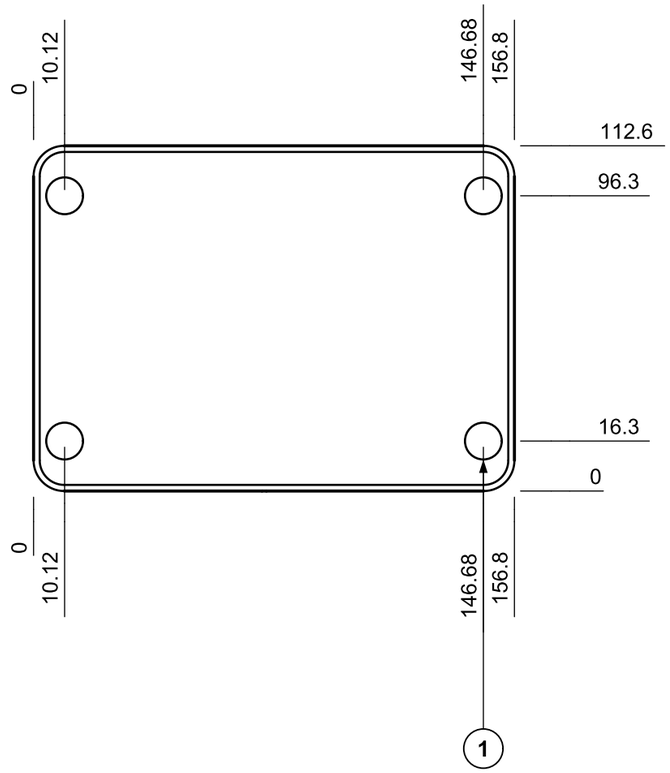
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TITLE
CORE 1080P FHD 3X/10X USB 2.0/RS-232 HUDDLE ROOM CAMERA - 3X
FRONT PANEL DETAILS

MODEL / DWG NO.
BG-BPTZ-3XU

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:2	1.000 kg	2 OF 4	R01

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



REAR PANEL
(VIEWED FROM REAR)

ORDINATE DIMENSIONS TO FEATURE CENTRES FROM THE LOWER-LEFT CORNER OF THE PANEL AS VIEWED.

REAR PANEL CALLOUTS

ITEM	DESCRIPTION	QTY
1	ROUND CONNECTOR / OPENING Ø12	4

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	

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TITLE
CORE 1080P FHD 3X/10X USB 2.0/RS-232 HUDDLE ROOM CAMERA - 3X
REAR PANEL DETAILS

MODEL / DWG NO.
BG-BPTZ-3XU

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:2	1.000 kg	3 OF 4	R01

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

CONNECTOR REFERENCE

INTERFACE	CONNECTORS / DESCRIPTION
WHITE BALANCE	Auto/Manual/One Push/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
VIDEO OUTPUT	USB 2.0, Type A
VIDEO COMPRESSION	H.265, H.264, MJPG
CONTROL PORT	RS232 in & out, RS485
POWER SUPPLY	HEC3800 Outlet (DC12V)
PAN/TILE CONTROLLER SPEED	0.1 ~ 60°/Second, 0.1 ~ 30°/Second

NOTES:

1. CONNECTOR LIST FROM THE PRODUCT TECHNICAL SPECIFICATIONS ON BZBGEAR.COM.
2. CONNECTOR POSITIONS: SEE SHEETS 2, 3 (PANEL CALLOUTS).
3. CONFIRM CONNECTOR TYPES AND LABELS AGAINST THE PRODUCT.

PROPRIETARY: THIS DRAWING AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF BZBGEAR.
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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.	
MATERIAL	METAL ENCLOSURE	
FINISH	BLACK	
	THIRD ANGLE PROJECTION	

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TITLE
CORE 1080P FHD 3X/10X USB 2.0/RS-232 HUDDLE ROOM CAMERA - 3X
CONNECTORS (INPUTS / OUTPUTS / CONTROL / POWER)

MODEL / DWG NO.
BG-BPTZ-3XU

SIZE	SCALE	WEIGHT	SHEET	REV
A3	NTS	1.000 kg	4 OF 4	R01