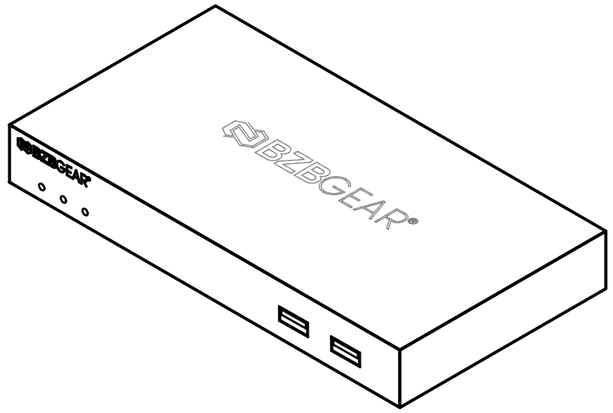
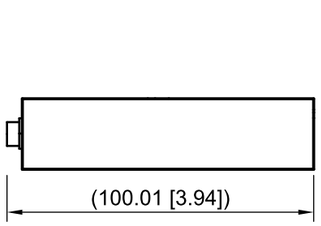
REVISIONS				
	REV	DESCRIPTION	DATE	APPROVED
	R01	INITIAL RELEASE	2026-11-08	

TOP VIEW





ISOMETRIC VIEW
(REFERENCE, 1:2)



LEFT SIDE VIEW



FRONT VIEW

SPECIFICATIONS (REFERENCE)

PARAMETER	VALUE
EXTENSION PORT	1 x HDBT-USB3 (RJ45, 24V PoC)
SERVICE PORT	1 x USB-C (Firmware Upgrade)
SERVICE PORT	1 x USB-C (Firmware Upgrade)
HOUSING	Metal Enclosure
COLOR	Black
DIMENSIONS	5.5 x 3 x 0.91in [140 x 75 x 23 mm]
DIMENSIONS	7.1 x 3.7 x 0.91in [180 x 95 x 23 mm]
WEIGHT	0.71 lbs [324 g]
WEIGHT	1.1 lbs [486 g]
POWER SUPPLY	AC 100–240V, 50/60Hz; DC 24V / 3.75A
POWER CONS.	18.48W (Max)
POWER CONS.	19.44W (Max)

NOTES:
1. ALL DIMENSIONS IN MILLIMETERS [INCHES]. DO NOT SCALE DRAWING.
2. DIMENSIONS ARE NOMINAL; TOLERANCE ±0.5 mm [±0.02 in] UNLESS OTHERWISE SPECIFIED.
3. ( ) REFERENCE DIMENSIONS INCLUDE FEET, KNOBS, CONNECTORS AND OTHER PROTRUSIONS.
4. GEOMETRY FROM THE MANUFACTURER CAD; PANEL DETAILS ON THE FOLLOWING SHEETS.
5. CONNECTOR TYPES IDENTIFIED FROM OUTLINE GEOMETRY; CONFIRM AGAINST THE PRODUCT LABELS.

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	

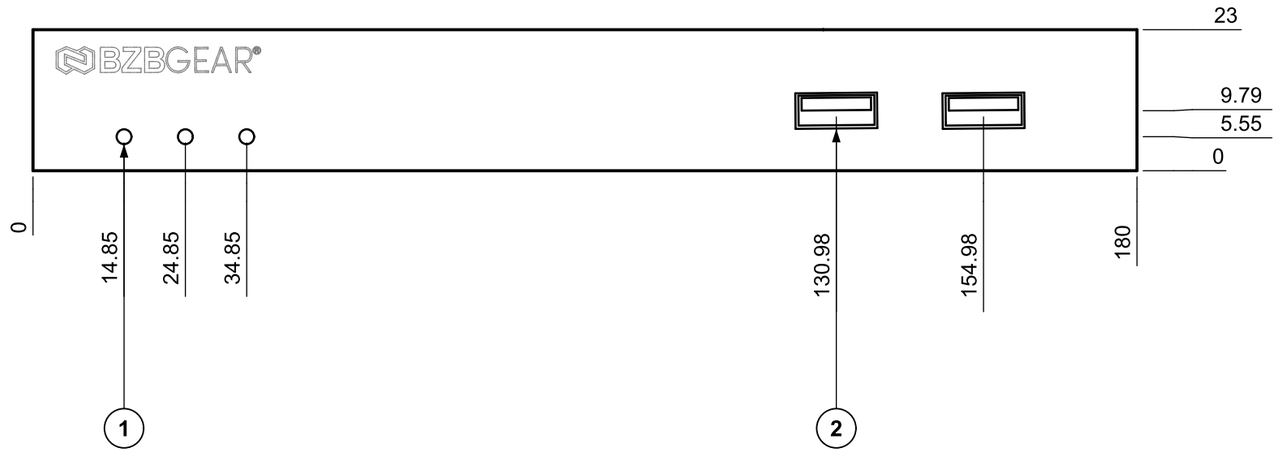
BZBGEAR®
830 National Dr Ste 140, Sacramento, CA 95834, USA
Office: (888) 499-9906 | Local: +1 (916) 383-3154 | info@bzbgear.com

TITLE
DUAL-HOST USB 3.2/HDMI SWITCHER & HDBASET 3.0 EXTENDER KIT..
OUTLINE DIMENSIONS

MODEL / DWG NO.
BG-USX-B100CH-RX

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:2	0.324 kg	1 OF 3	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	LED INDICATOR	3
2	USB TYPE-A RECEPTACLE	2

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	

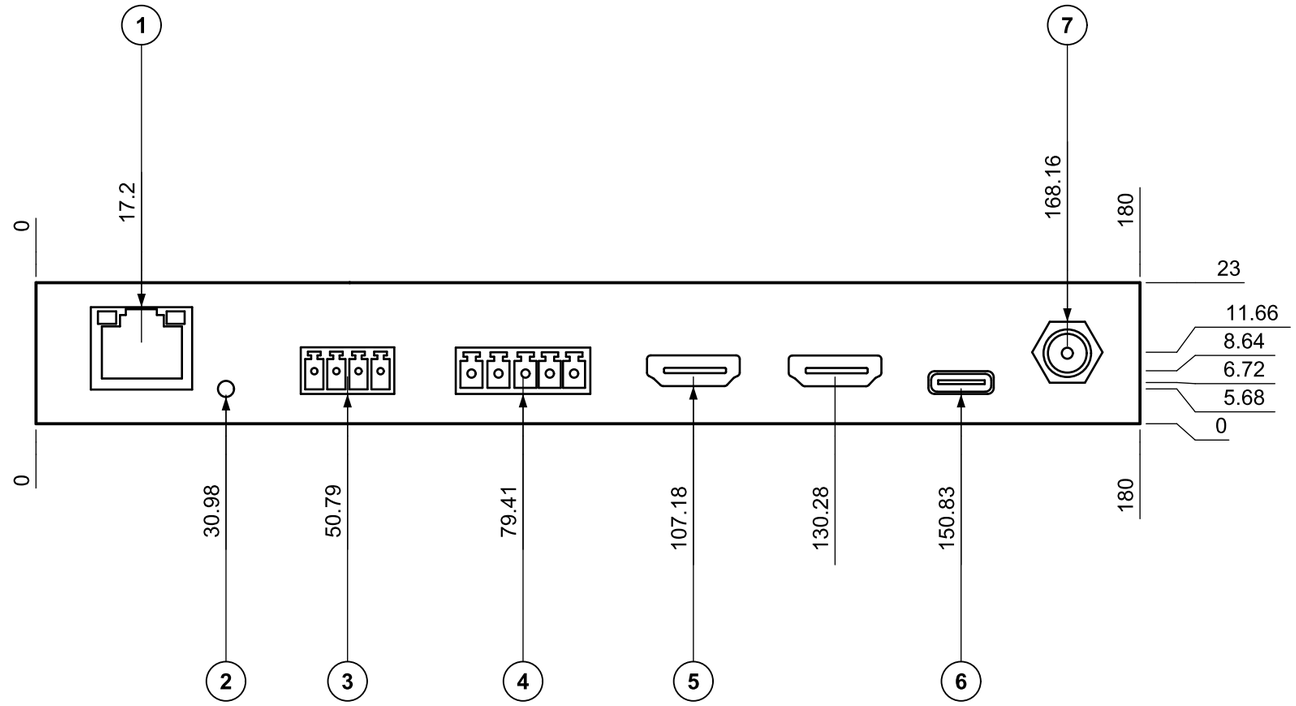
BZBGEAR®
830 National Dr Ste 140, Sacramento, CA 95834, USA
Office: (888) 499-9906 | Local: +1 (916) 383-3154 | info@bzbgear.com

TITLE
DUAL-HOST USB 3.2/HDMI SWITCHER & HDBASET 3.0 EXTENDER KIT..
FRONT PANEL DETAILS

MODEL / DWG NO.
BG-USX-B100CH-RX

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:1	0.324 kg	2 OF 3	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	RJ45 MODULAR JACK	1
2	LED / IR / PINHOLE OPENING Ø2.62	1
3	PLUGGABLE TERMINAL BLOCK, 4-POLE, 15.25 X 7.61	1
4	PLUGGABLE TERMINAL BLOCK, 5-POLE, 21.94 X 7.56	1
5	HDMI TYPE-A RECEPTACLE	2
6	OPENING / FEATURE 10.65 X 3.72	1
7	USB TYPE-B RECEPTACLE	1

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
DUAL-HOST USB 3.2/HDMI SWITCHER & HDBASET 3.0 EXTENDER KIT..
REAR PANEL DETAILS

MODEL / DWG NO.
BG-USX-B100CH-RX

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:1	0.324 kg	3 OF 3	R01