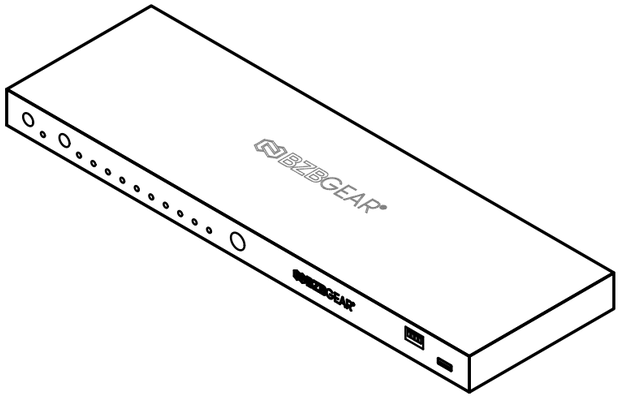
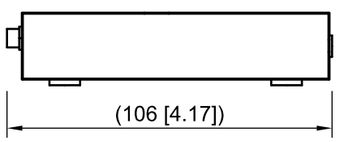
REVISIONS	REV	DESCRIPTION	DATE	APPROVED
	R01	INITIAL RELEASE	2026-11-08	

TOP VIEW

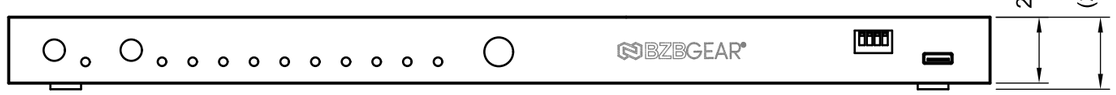




ISOMETRIC VIEW
(REFERENCE, 1:3)



LEFT SIDE VIEW



FRONT VIEW

SPECIFICATIONS (REFERENCE)

PARAMETER	VALUE
HDR SUPPORT	HDR, HDR10, HDR10+, Dolby Vision, HLG
INPUT PORTS	2x HDMI Type-A (19-pin female)
OUTPUT PORTS	8x HDMI Type-A (19-pin female)
SERVICE PORT	1x USB Type-C (firmware upgrade)
HOUSING	Metal enclosure
COLOR	Black
DIMENSIONS	13in x 3.9in x 0.85in [320mm x 100mm x 21.5mm]
WEIGHT	1.8 lbs [810g]
POWER SUPPLY	DC 12V / 2.5A
POWER CONS.	9.6W (Max)
OPERATING TEMP.	32°F to 104°F / 0°C to 40°C

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	

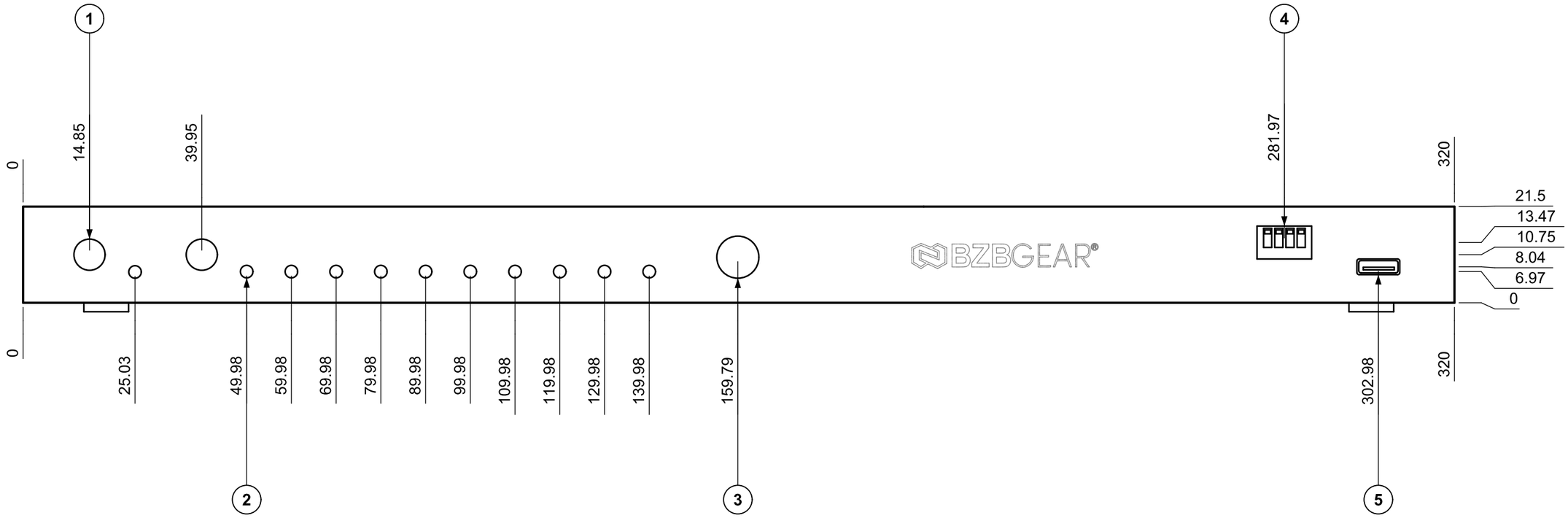
BZBGEAR®
830 National Dr Ste 140, Sacramento, CA 95834, USA
Office: (888) 499-9906 | Local: +1 (916) 383-3154 | info@bzbgear.com

TITLE
2X8 8K UHD HDMI 2.1 48GBPS SPLITTER WITH AUTO...
OUTLINE DIMENSIONS

MODEL / DWG NO.
BG-8K-28A

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:2	0.810 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	PUSH BUTTON Ø7.5	2
2	LED INDICATOR	11
3	IR RECEIVER WINDOW Ø9.6	1
4	SLIDE SWITCH	1
5	USB TYPE-C RECEPTACLE	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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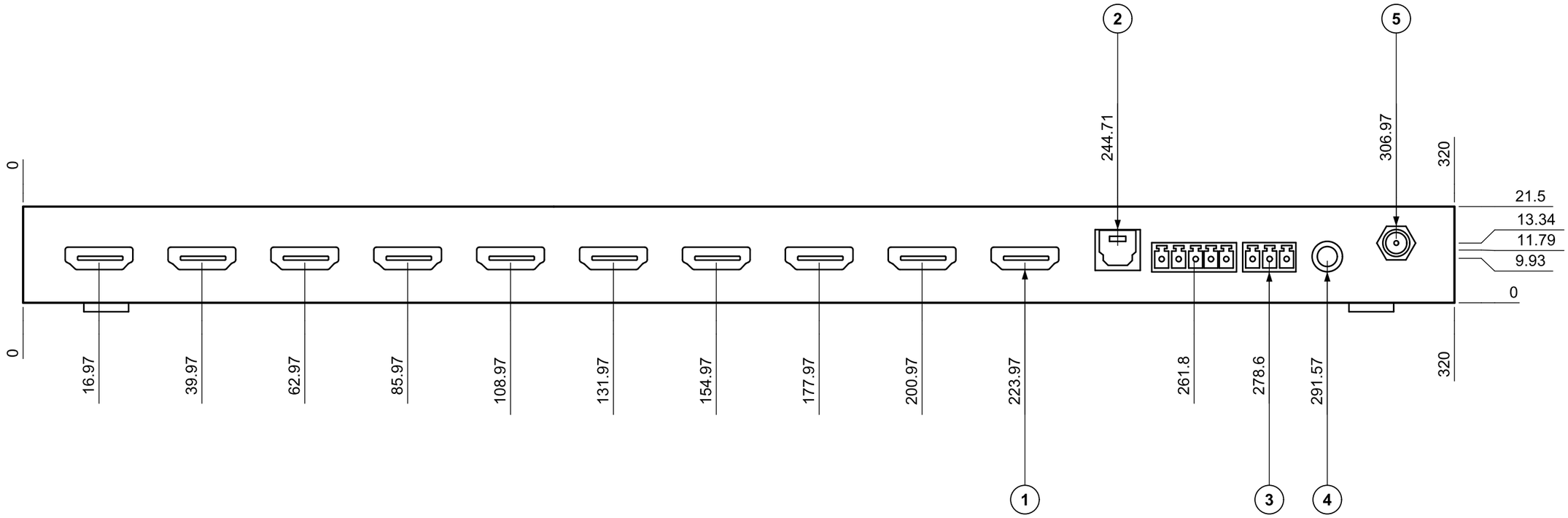
TITLE
2X8 8K UHD HDMI 2.1 48GBPS SPLITTER WITH AUTO...
FRONT PANEL DETAILS

MODEL / DWG NO.
BG-8K-28A

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:1	0.810 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	HDMI_CUT	10
2	OPTICAL AUDIO (TOSLINK)	1
3	PLUGGABLE TERMINAL BLOCK HEADER, 3-POLE	2
4	3.5 mm JACK	1
5	LOCKING DC POWER JACK	1

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
2X8 8K UHD HDMI 2.1 48GBPS SPLITTER WITH AUTO...
REAR PANEL DETAILS

MODEL / DWG NO.
BG-8K-28A

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:1	0.810 kg	3 OF 3	R01