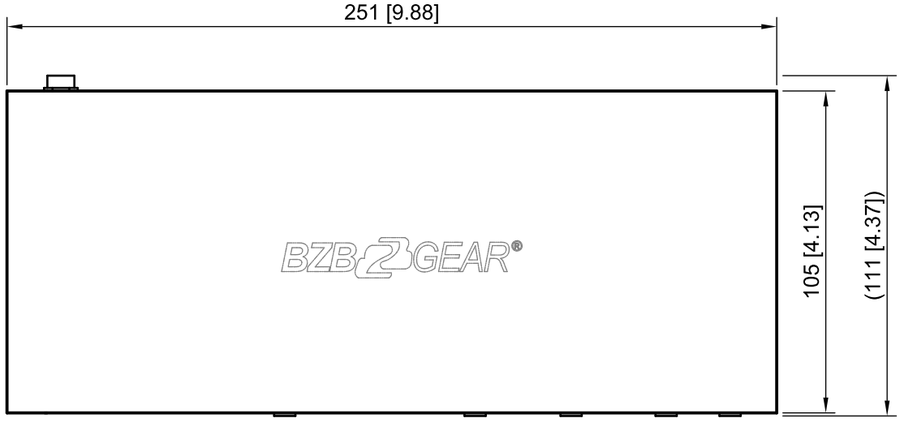
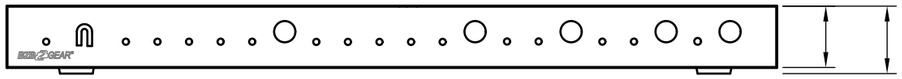
REVISIONS				
	REV	DESCRIPTION	DATE	APPROVED
	R01	INITIAL RELEASE	2026-11-08	

TOP VIEW

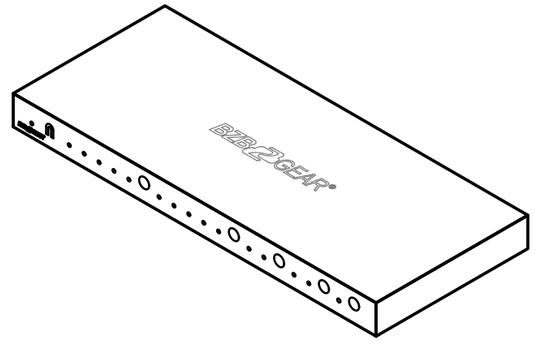


FRONT VIEW



ISOMETRIC VIEW

(REFERENCE, 1:3)



SPECIFICATIONS (REFERENCE)

PARAMETER	VALUE
INPUT PORTS	4×HDMI Type A [19-pin female]
OUTPUT PORTS	2×HDMI Type A [19-pin female] 1×L/R audio out [3.5mm Stereo Min...
HOUSING	Metal Enclosure
COLOR	Black
DIMENSIONS	9.9"(W) x 4.1"(D) x 0.79"(H) [251mm(W) x 105mm(D) x 20mm(H)]
WEIGHT	1.97 lbs [620g]
POWER SUPPLY	Input: AC100~240V 50/60Hz Output: DC12V/1A
POWER CONS.	3.8W (max)
OPERATING TEMP.	32°F ~ 104°F / 0°C ~ 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	

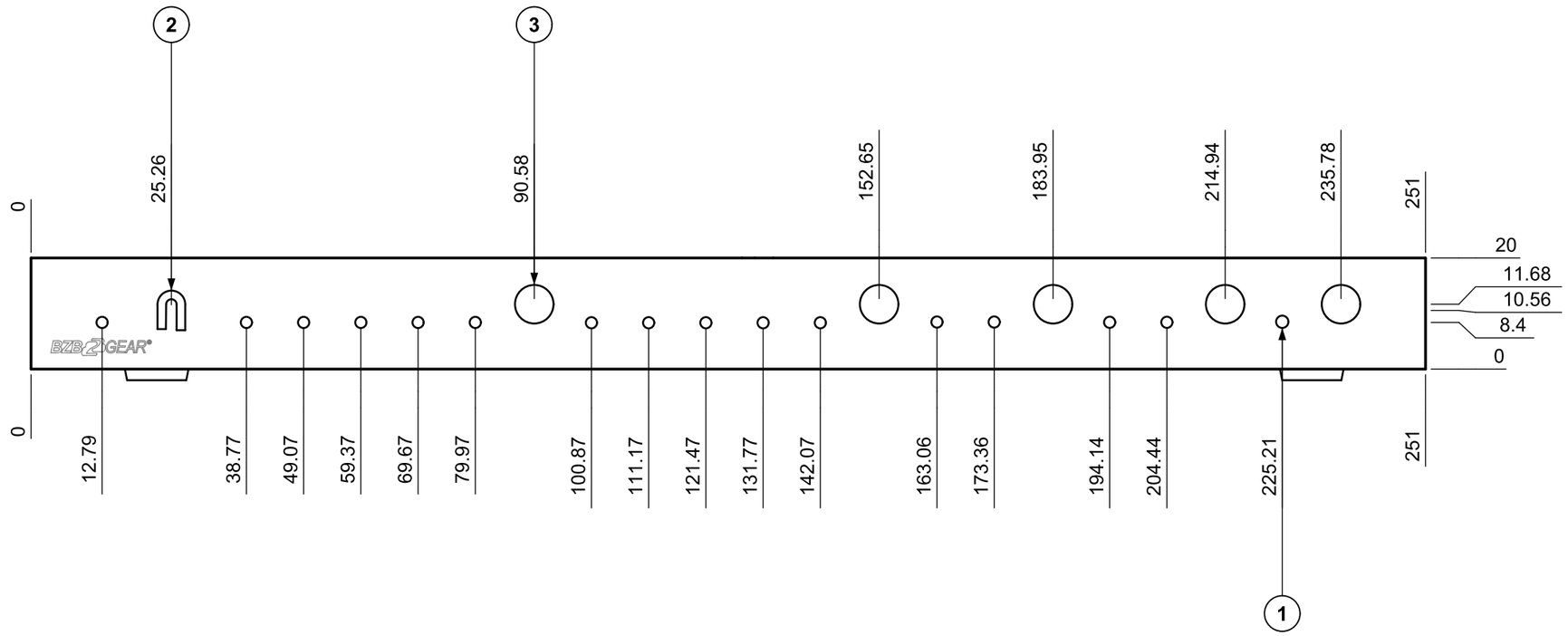
BZBGEAR®
830 National Dr Ste 140, Sacramento, CA 95834, USA
Office: (888) 499-9906 | Local: +1 (916) 383-3154 | info@bzbgear.com

TITLE
4X2 4K UHD HDMI MATRIX SWITCHER WITH AUDIO/DOWNSCALING SUPPORT
OUTLINE DIMENSIONS

MODEL / DWG NO.
BG-UHD-42M

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:2	0.620 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	16
2	IR_ARCH	1
3	PUSH BUTTON Ø6.94	5

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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	

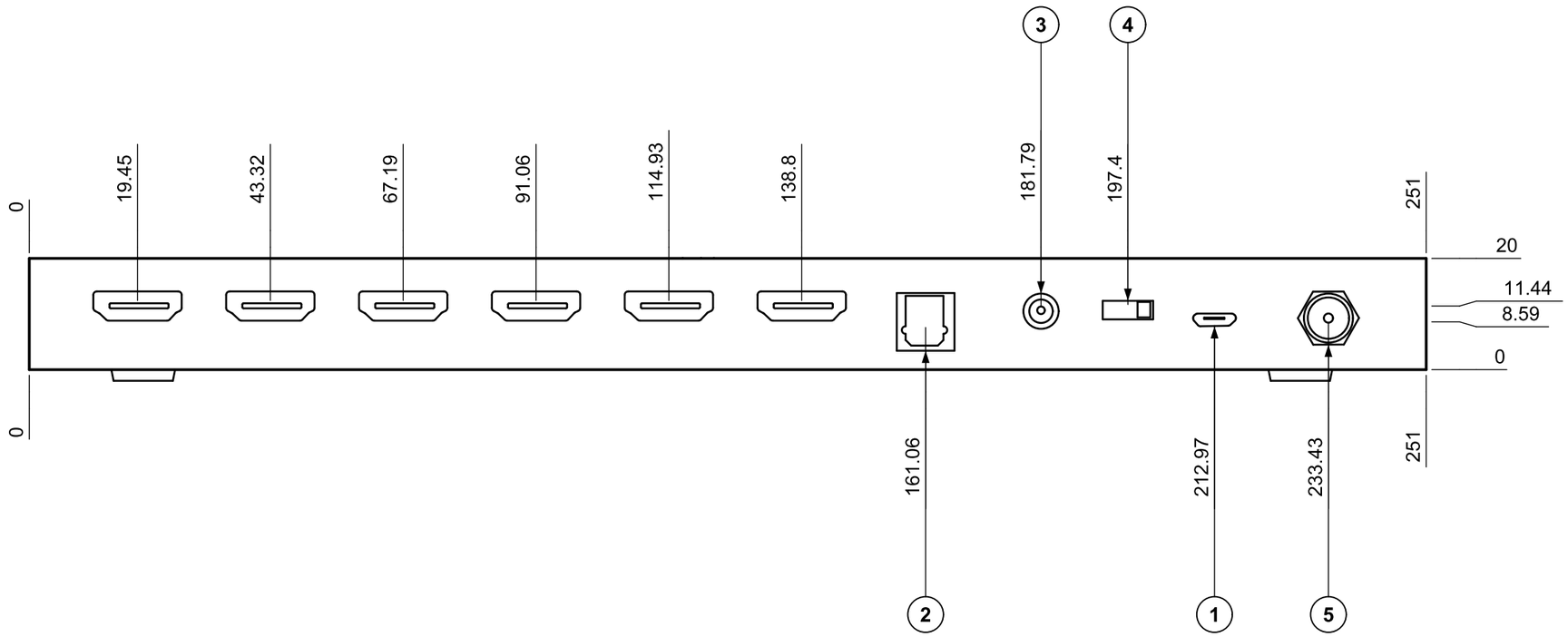
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TITLE
4X2 4K UHD HDMI MATRIX SWITCHER WITH AUDIO/DOWNSCALING SUPPORT
FRONT PANEL DETAILS

MODEL / DWG NO.
BG-UHD-42M

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:1	0.620 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 TYPE-A RECEPTACLE	7
2	OPTICAL AUDIO (TOSLINK)	1
3	3.5 mm JACK	1
4	SLIDE SWITCH	1
5	LOCKING DC POWER JACK	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	

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TITLE
4X2 4K UHD HDMI MATRIX SWITCHER WITH AUDIO/DOWNSCALING SUPPORT
REAR PANEL DETAILS

MODEL / DWG NO.
BG-UHD-42M

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:1	0.620 kg	3 OF 3	R01