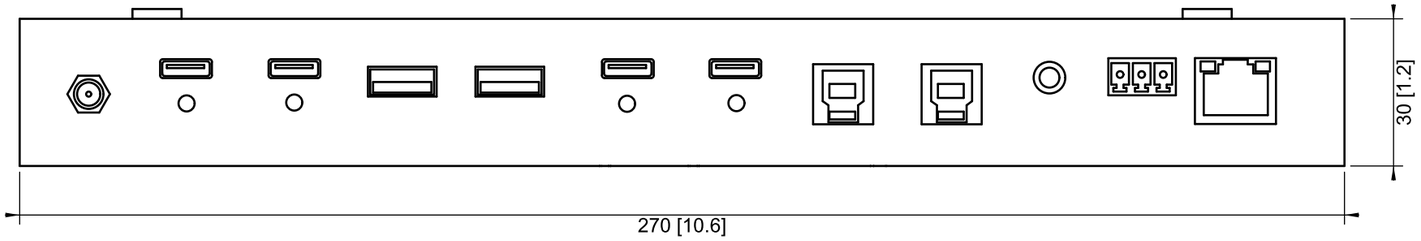
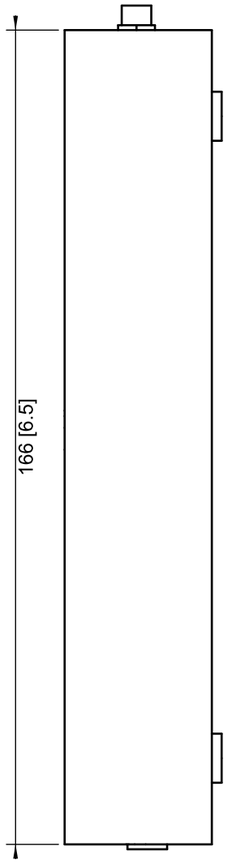
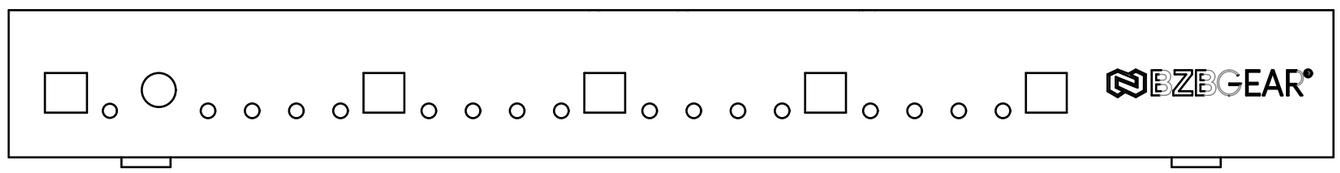
REVISIONS	REV	DESCRIPTION	DATE	APPROVED
	R01	INITIAL RELEASE	2026-11-08	









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	

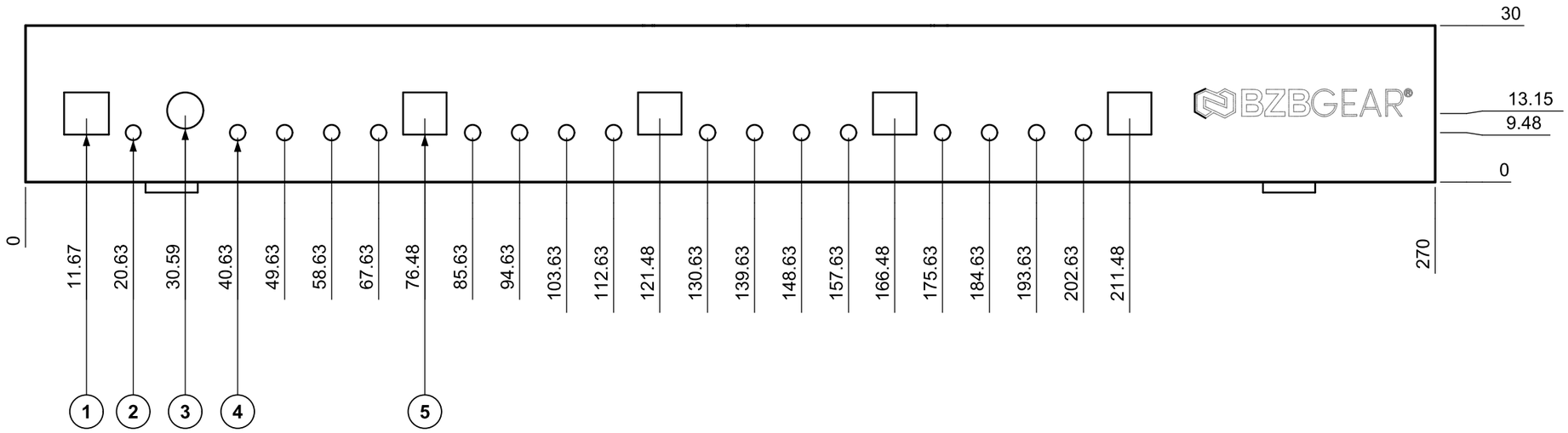
BZBGEAR®
830 National Dr Ste 140, Sacramento, CA 95834, USA
Office: (888) 499-9906 | Local: +1 (916) 383-3154 | info@bzbgear.com

TITLE
4X4 USB 3.2 GEN 1 MATRIX SWITCHER WITH USB 3.2 TYPE-A/B/C...
OUTLINE DIMENSIONS (MANUFACTURER VIEWS)

MODEL / DWG NO.
BG-USM-44

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:1.25	1.160 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	BUTTON / KEY 8.58 X 8.08	1
2	LED / IR / PINHOLE OPENING Ø2.87	1
3	3.5 mm JACK	1
4	LED / IR / PINHOLE OPENING Ø2.98	16
5	BUTTON / KEY 8.32 X 8.08	4

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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
4X4 USB 3.2 GEN 1 MATRIX SWITCHER WITH USB 3.2 TYPE-A/B/C...
FRONT PANEL DETAILS

MODEL / DWG NO.
BG-USM-44

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:1	1.160 kg	2 OF 3	R01

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

CONNECTOR REFERENCE

INTERFACE	CONNECTORS / DESCRIPTION
USB-B PORTS	2 x USB 3.2 Gen 1 Type-B (9-pin female)
USB-C PORTS	2 x USB 3.2 Gen 1 Type-C (24-pin female)
USB-A PORTS	2 x USB 3.2 Gen 1 Type-A (5V/1.5A output)
USB-C PORTS	2 x USB 3.2 Gen 1 Type-C (5V/3A output)
NETWORK CONTROL	1 x RJ45 TCP/IP (100M Ethernet)
SERIAL CONTROL	1 x RS-232 (3-pin 3.81mm Phoenix connector)
IR CONTROL	1 x IR EXT (3.5mm stereo mini jack)
LOCAL CONTROL	Front panel buttons + IR remote control
POWER INPUT	AC 100–240V 50/60Hz
POWER OUTPUT	DC 24V / 2.7A locking adapter

NOTES:

1. CONNECTOR LIST FROM THE PRODUCT TECHNICAL SPECIFICATIONS ON BZBGEAR.COM.
2. CONNECTOR POSITIONS: SEE SHEET 2 (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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DRAWN	BZBGEAR	2026-11-08
CHECKED		
APPROVED		
UNITS	mm [in]	
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TITLE
4X4 USB 3.2 GEN 1 MATRIX SWITCHER WITH USB 3.2 TYPE-A/B/C...
CONNECTORS (INPUTS / OUTPUTS / CONTROL / POWER)

MODEL / DWG NO.
BG-USM-44

SIZE	SCALE	WEIGHT	SHEET	REV
A3	NTS	1.160 kg	3 OF 3	R01