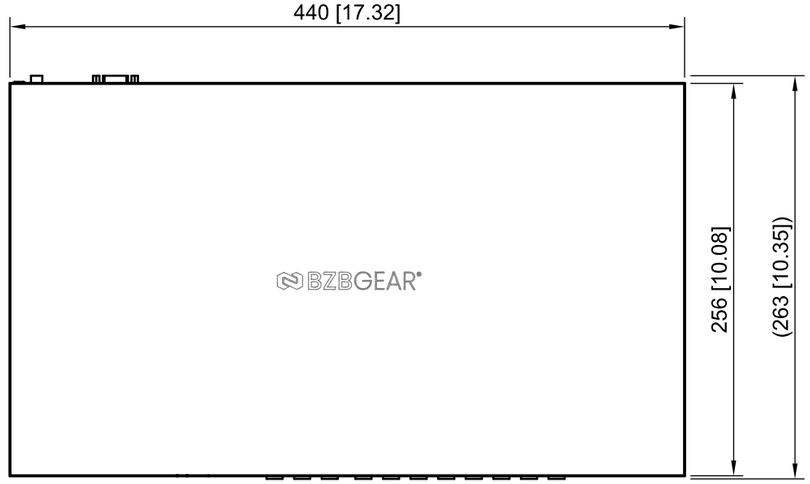
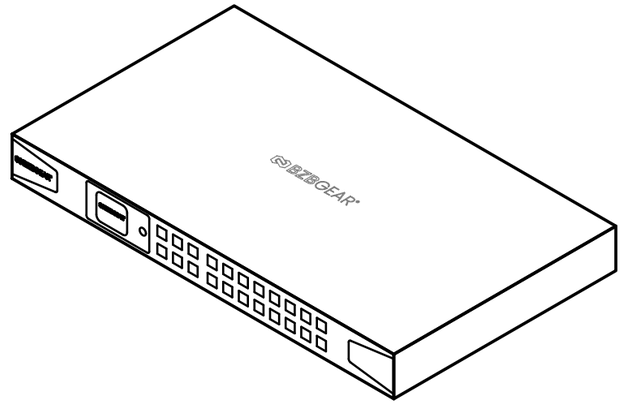
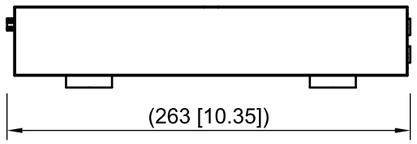
REVISIONS				
	REV	DESCRIPTION	DATE	APPROVED
	R01	INITIAL RELEASE	2026-11-08	

TOP VIEW

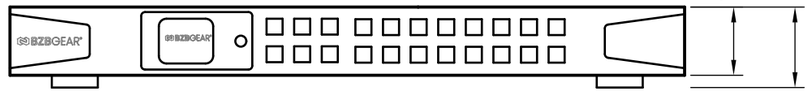




ISOMETRIC VIEW
(REFERENCE, 1:5)



LEFT SIDE VIEW



FRONT VIEW

SPECIFICATIONS (REFERENCE)

PARAMETER	VALUE
INPUT PORTS	16x HDMI [Type A, 19-pin female]
OUTPUT PORTS	16x HDMI [Type A, 19-pin female]; 16x Digital Audio
CONTROL PORTS	1x TCP/IP [RJ45]; 1x RS-232 [D-Sub 9]; 1x IR EXT [3.5mm, Stereo...
HOUSING	Metal Enclosure
COLOR	Black
DIMENSIONS	17in x 10in x 1.8in [440mm x 256mm x 44.5mm]
WEIGHT	10 lbs [4.54kg]
POWER SUPPLY	Input: AC 100 - 240V 50/60Hz, Output: DC 24V/3.75A; (US/EU stan...
OPERATING TEMP.	32 - 104°F / 0 - 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
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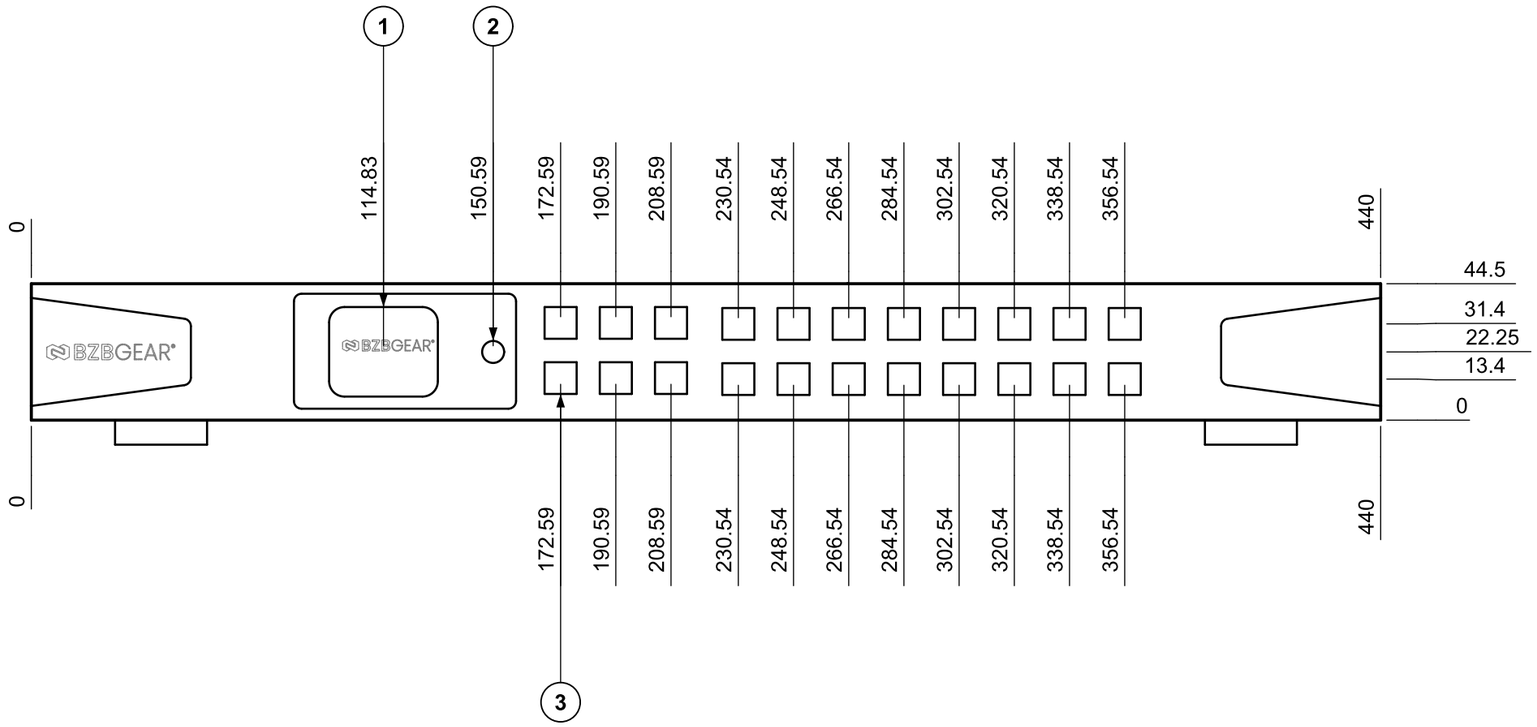
TITLE
16X16 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUTO...
OUTLINE DIMENSIONS

MODEL / DWG NO.
BG-8K-1616MA

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:4	4.540 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	LCD DISPLAY	1
2	IR RECEIVER WINDOW Ø6.6	1
3	PUSH KEY	22

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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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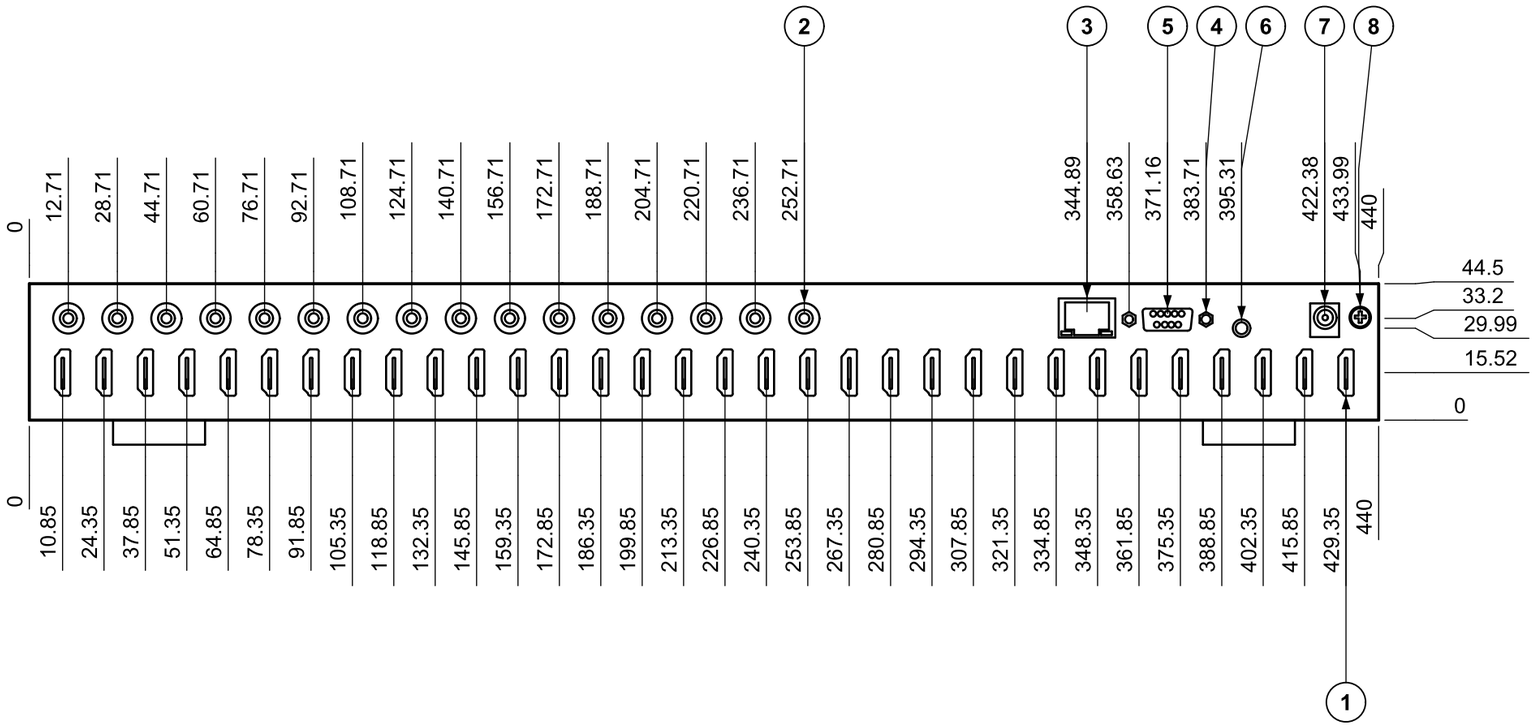
TITLE
16X16 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUTO...
FRONT PANEL DETAILS

MODEL / DWG NO.
BG-8K-1616MA

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:2	4.540 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_V	32
2	JACK_GOLD	16
3	RJ45 MODULAR JACK	1
4	SCREWLOCK_HEX	2
5	D-SUB CONNECTOR	1
6	3.5 mm JACK	1
7	LOCKING DC POWER JACK	1
8	GROUND TERMINAL	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
16X16 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUTO...
REAR PANEL DETAILS

MODEL / DWG NO.
BG-8K-1616MA

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:2	4.540 kg	3 OF 3	R01