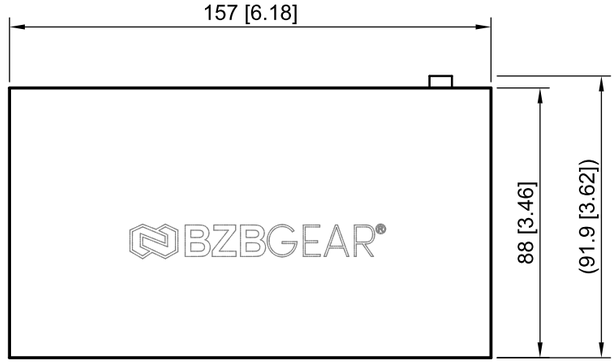
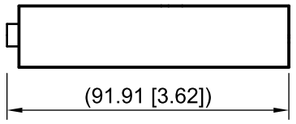
REVISIONS				
	REV	DESCRIPTION	DATE	APPROVED
	R01	INITIAL RELEASE	2026-11-08	



ISOMETRIC VIEW
(REFERENCE, 1:2)

TOP VIEW





LEFT SIDE VIEW



FRONT VIEW

SPECIFICATIONS (REFERENCE)

PARAMETER	VALUE
HIGH REFRESH SUPPOR	4K@144Hz, 4K@120Hz, 8K@60Hz
HDR SUPPORT	HDR10, HDR10+, Dolby Vision, HLG
CEC SUPPORT	Yes (pass-through)
RECEIVER CONTROL PO	1x IR IN, 1x IR OUT, 1x RS-232, 1x USB-C (Service)
USB SUPPORT	USB 2.0 extension (Host/Device)
IR SUPPORT	Bi-directional IR (20-60kHz)
HOUSING	Metal enclosure
DIMENSIONS	6.2in x 3.5in x 0.79in [157mm x 88mm x 20mm]
WEIGHT	TX: 0.82lb [371g] / RX: 0.83lb [378g]
POWER SUPPLY	DC 24V/1A locking adapter
POWER CONS.	21.2W (PoC operation)
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
8K60/4K120 48GBPS HDMI 2.1 EXTENDER KIT OVER CAT5E/6/7 WITH...
OUTLINE DIMENSIONS

MODEL / DWG NO.
BG-EXH-8K100U-TX

SIZE	SCALE	WEIGHT	SHEET	REV
A3	1:2	0.371 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	1
2	OPENING / FEATURE 4.98 X 2.6	1
3	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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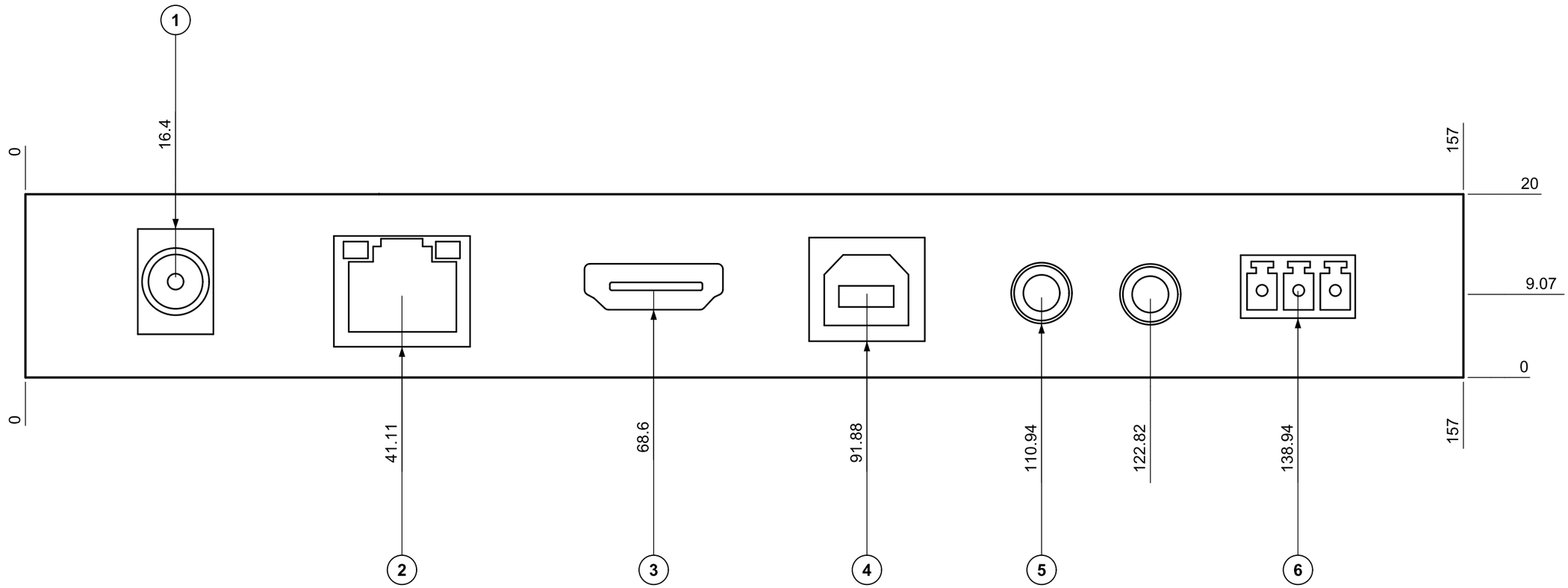
TITLE
8K60/4K120 48GBPS HDMI 2.1 EXTENDER KIT OVER CAT5E/6/7 WITH...
FRONT PANEL DETAILS

MODEL / DWG NO.
BG-EXH-8K100U-TX

SIZE	SCALE	WEIGHT	SHEET	REV
A3	2:1	0.371 kg	2 OF 3	R01

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



ORDINATE DIMENSIONS TO FEATURE CENTRES FROM THE LOWER-LEFT CORNER OF THE PANEL AS VIEWED.

REAR PANEL
(VIEWED FROM REAR)

REAR PANEL CALLOUTS

ITEM	DESCRIPTION	QTY
1	DC POWER JACK	1
2	RJ45 MODULAR JACK	1
3	HDMI TYPE-A RECEPTACLE	1
4	USB TYPE-B RECEPTACLE	1
5	3.5 mm JACK	2
6	PLUGGABLE TERMINAL BLOCK, 3-POLE, 12.51 X 6.88	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
8K60/4K120 48GBPS HDMI 2.1 EXTENDER KIT OVER CAT5E/6/7 WITH...
REAR PANEL DETAILS

MODEL / DWG NO.
BG-EXH-8K100U-TX

SIZE	SCALE	WEIGHT	SHEET	REV
A3	2:1	0.371 kg	3 OF 3	R01