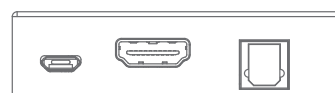
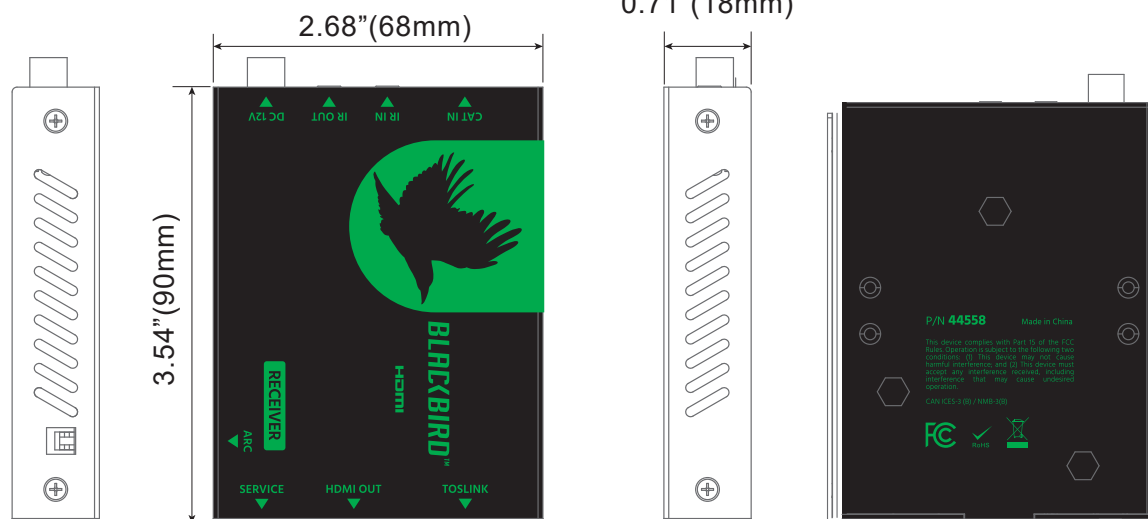
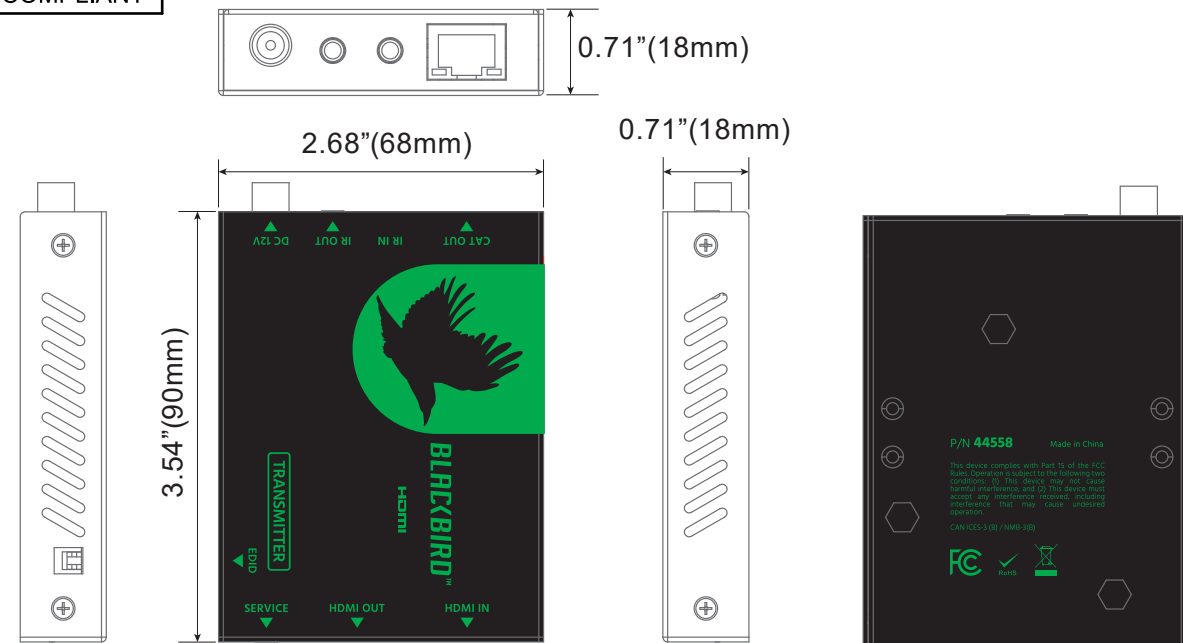


RoHS COMPLIANT

REVISION INFORMATION		
Rev.	Rev. Date	Brief Description



Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@60Hz RGB/YCBCR 4:4:4
IR Level	5Vp-p
IR Frequency	Wideband 20K-60KHz
Transmission Distance	4K2K@60Hz 4:4:4--70m, 1080P--70m (CAT6/6a cable)
Color Space	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12bit
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG

Audio Formats	HDMI: LPCM 7.1CH, Dolby True HD, DTS-HD Master Optical: Dolby 5.1, DTS 5.1, PCM 2.0
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Connection

Transmitter	Input: 1xHDMI IN [Type A, 19-pin female] Output: 1xHDMI OUT [RJ45] 1xCAT OUT [RJ45] Control: 1xSERVICE [Micro-USB jack] 1xIR IN [3.5mm Stereo Mini-jack] 1xIR OUT [3.5mm Stereo Mini-jack]
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Receiver	Input: 1×CAT IN [RJ45] Output: 1×HDMI OUT [Type A, 19-pin female] 1×TOSLINK Control: 1×SERVICE [Micro-USB jack] 1×IR IN [3.5mm Stereo Mini-jack] 1×IR OUT [3.5mm Stereo Mini-jack]
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	Mechanical
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Housing	Metal Enclosure
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Color	Black
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Dimensions	Transmitter / Receiver: 90mm (W)×68mm (D)×18mm (H)
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Weight	Transmitter: 160g, Receiver: 155g
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Power Supply	DC 12V/1A; Support bi-directional POC function
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Power Consumption	3.36 W (max)
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Operating	0°C ~ 40°C / 32°F ~ 104°F
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Temperature	0 °C ~ 40 °C / 32 °F ~ 104 °F
Size	2545 × 3545 × 1157 mm (83'6" × 11'6" × 3'9")

Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20 ~ 90% RH (non-condensing)

Relative Humidity	20~90% RH (non-condensing)
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Package Contents:

- 1 x 18Gbps HDMI Extender (Transmitter)
- 1 x 18Gbps HDMI Extender (Receiver)
- 1 x IR Blaster Cable (1.5 meters)
- 1 x IR Wideband Receiver Cable (1.5 meters)
- 4 x Mounting Ears
- 8 x Machine Screws (KM3*4)
- 1 x 12V/1A Locking Power Adapter
- 1 x User Manual

NO.	PART NAME	SPECIFICATION DESCRIPTION	QTY	UNIT



DESCRIPTION : Monoprice™ Blackbird 4K60 Video Extender with HDMI up to 70m over Via a Single CAT6/6a Ethernet Cable, HDMI and HDCP 2.2, Zero-Latency, Audio Extraction, 18Gbps

PID #: 44558

DATE : 2023/06/29	UNIT : in / mm	FILE NAME:
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