

BLACKBIRD™



Blackbird™

Blackbird™ by Monoprice™ 4K60 HDBaseT™ Extender with HDMI® & ARC Support Up to 70m

Extend Ultra HD Video and Premium Audio Effortlessly Across Long Distances with Advanced HDR, Control, and ARC Capabilities

Enjoy seamless AV connectivity with the Blackbird™ 4K60 HDBaseT™ Extender, purpose-built for reliable, professional-grade signal transmission over long distances. Supporting HDMI® 2.0b and HDCP™ 2.2, this powerful extender delivers crisp 4K resolution at 60 Hz with vibrant colors and advanced HDR formats, including Dolby Vision™ and HDR10+ for lifelike visuals.

Transmit HDMI signals, bi-directional IR control, ARC (Audio Return Channel), and RS-232 commands up to 230 feet (70 meters) using a single Cat5e/6 cable. Versatile and robust, this solution is ideal for video conferencing, multimedia distribution, digital signage, and complex AV installations. With a wide 18 Gbps bandwidth, advanced EDID® management, and convenient bi-directional PoC (Power-over-Cable) support, installation is simple and efficient. Its compact, durable metal enclosure ensures easy mounting easy in any environment.

Benefit from rich audio support for premium formats like Dolby True HD®, DTS-HD Master Audio®, and ARC compatibility with Dolby® 5.1, DTS® 5.1, and PCM 2.0. Every kit includes all the necessary hardware for a fast, hassle-free setup. Combining high performance and practical features, the Blackbird™ 4K60 HDBaseT™ Extender is the trusted choice for demanding HDMI extension needs in both commercial and residential applications.

- Delivers uncompressed 4K/60Hz video and audio up to 230ft (70m) on one Cat5e/6 cable
- Supports Dolby Vision, HDR10, and HDR10+ for stunning visuals
- Bi-directional IR and RS-232 for full device control
- ARC enables easy return of audio to your AV receiver (Dolby 5.1, DTS 5.1 supported)
- Compatible with HDMI 2.0b and HDCP 2.2 devices
- 18Gbps bandwidth and advanced EDID management ensure signal quality
- PoC (Power-over-Cable) means only one power adapter needed
- Compact, robust enclosure with included mounting hardware for easy setup



ULTRA HD VIDEO EXTENSION

Effortlessly transmits uncompressed 4K/60Hz video and premium audio up to 230ft (70m) over a single Cat5e/6 cable.



PREMIUM AUDIO SUPPORT

Delivers rich audio formats including Dolby TrueHD, DTS-HD Master, ARC for Dolby 5.1, DTS 5.1, and PCM 2.0.



ADVANCED HDR COMPATIBILITY

Supports Dolby Vision, HDR10, and HDR10+ for vivid, lifelike visuals.

Full Specs

Spec Type		Spec Value	
Video Input	P/N	47741 Receiver	47741 Transmitter
	Interfaces	N/A	1x HDMI Type A Female
	Max. Distance	N/A	3 meters
Video Output	Interfaces	1x HDMI Type A Female	N/A
	Max. Distance	3 meters	N/A
Video	Max. Data Rate	18 Gbps	18 Gbps
	HDR	HDR, HDR10+, Dolby Vision, HLG	HDR, HDR10+, Dolby Vision, HLG
	Color Space	RGB, YCbCr 4:4:4	RGB, YCbCr 4:4:4
	Color Depth	8/10/12-bit (1080p)	8/10/12-bit (1080p)
		8-bit (4K @ 60 Hz)	8-bit (4K @ 60 Hz)
		8/10/12-bit (4K @ 24/30 Hz)	8/10/12-bit (4K @ 24/30 Hz)
	Max. Resolution	3840 × 2160 @ 60 Hz (4:4:4)	3840 × 2160 @ 60 Hz (4:4:4)
Audio	Max. Resolutions / Distance	Up to 70 m @ 4K	Up to 70 m @ 4K
	Input	N/A	1x HDMI Type A Female
	Output	1x HDMI Type A Female	N/A
	Audio Formats	HDMI: LPCM 7.1ch, Dolby TrueHD, and DTS-HD Master Optical: Dolby 5.1, DTS 5.1, PCM 2.0	HDMI: LPCM 7.1ch, Dolby TrueHD, and DTS-HD Master Optical: Dolby 5.1, DTS 5.1, PCM 2.0

Connectors	Unit To Unit	1x RJ45	1x RJ45
	Power	1x DC Jack	1x DC Jack
	IR	1x 3.5 mm Female (IR input) 1x 3.5 mm Female (IR output)	1x 3.5 mm Female (IR input) 1x 3.5 mm Female (IR output)
Power Consumption		DC 12 V: 6.72 W (Max)	DC 12 V: 7.92 W (Max)
Environmental	Operating Temperature	32~104 °F / 0~40 °C	32~104 °F / 0~40 °C
	Storage Temperature	-4~140 °F / -20~60 °C	-4~140 °F / -20~60 °C
	Humidity	20 - 90% RH, Non-Condensing	20 - 90% RH, Non-Condensing
Physical Properties	Housing	Metal	Metal
	Weight	8.4 oz (239 g)	8.3 oz (235 g)
	Dimensions (L x W x H)	5.5" x 2.6" x 0.7" (140 x 65 x 18 mm)	5.5" x 2.6" x 0.7" (140 x 65 x 18 mm)
	Packaging Method	Corrugated Box	

PACKAGE CONTENTS



1x 4K60 HDBaseT™ Extender with
 HDMI® (Transmitter)
 1x 4K60 HDBaseT™ Extender with
 HDMI® (Receiver)
 1x IR Blaster Cable (4.9 ft / 1.5 m)
 1x IR Receiver Cable (4.9 ft / 1.5 m)
 2x 3-pin 3.81 mm Phoenix Connectors
 (Male)
 4x Mounting Ears
 8x Machine Screws
 1x 24 V / 1 A Locking Power Adapter
 1x User Manual