

UltraSlim HDBaseT HDMI Extender Kit — 70M / 230ft

4K/30 & 1080p/60 Extension with Bi-directional PoH, IR & RS-232 over Single Cat5e/6

MPN: EXT-HDBT70M



Extends uncompressed HDMI video, RS-232, and bi-directional IR up to 230ft / 70m at 1080p or 130ft / 40m at 4K/30 over a single Cat5e/6a cable. Uses HDBaseT technology with HDCP 2.2 compliance, CEC pass-through, and bidirectional PoH — only one power adapter needed for both TX and RX.

The UltraSlim metal enclosure with mounting ears fits behind displays, in lecterns, or in tight rack spaces. Bidirectional RS-232 and IR provides full integration with third-party control systems including Crestron, AMX, and Extron.

 HDCP 2.2 Content Protection	 10.2Gbps Bandwidth	 PoH Single-End Power	 230ft 1080p Extension	 IR/RS-232 Bidirectional Control
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KEY FEATURES

- UltraSlim metal enclosure with mounting ears — fits behind displays and in tight spaces
- Supports 1080p up to 230ft / 70m and 4K/30 up to 130ft / 40m over single Cat5e/6a
- HDMI 1.4 and HDCP 2.2 compliant — 10.2Gbps bandwidth
- Bi-directional PoH — one adapter powers both TX and RX
- Bi-directional RS-232 and IR control pass-through
- CEC pass-through for TV remote integration
- LED indicators: LINK, HDCP, Power on both TX and RX
- Supports 3D video formats
- T568B Cat5e/6a straight-through cable required

SPECIFICATIONS

HDMI / HDCP	HDMI 1.4 • HDCP 2.2
Bandwidth	10.2Gbps
Extension Range	1080p: 230ft / 70m • 4K/30: 130ft / 40m (Cat5e/6a)
TX Connections	HDMI IN • HDBT OUT (RJ45) • IR IN/OUT • RS-232
RX Connections	HDBT IN (RJ45) • HDMI OUT • IR IN/OUT • RS-232
Power	DC 24V/1.25A • PoH bidirectional • 14W max
Dimensions (TX/RX)	4.53" (W) × 0.64" (H) × 4.29" (D) / 115 × 16.2 × 109mm
Weight	TX: 0.43 lbs (193g) RX: 0.43 lbs (196g)
Environment	32–122°F / 0–50°C • 10–90% RH

PACKAGE CONTENTS

1× Transmitter, 1× Receiver, 4× Mounting Ears (2 per unit), 2× RS-232 Cables, 1× IR Emitter, 1× IR Receiver, 1× 24V/1.25A Power Adapter, 1× User Manual

