

## HDBaseT 100M Extender with Ethernet Switch

Extend 4K HDMI, IR, RS-232 & LAN over a Single CAT6 Cable up to 330ft

MPN: HDBASE100ME



The KanexPro HDBASE100ME is a professional HDBaseT transmitter-receiver kit that extends Ultra HD 4K HDMI, multi-channel audio, bidirectional IR, RS-232 control, and 10/100 Ethernet over a single CAT6 cable up to 330 feet (100 meters).

Unlike standard extenders, the HDBASE100ME integrates a 2-port Ethernet switch on both the transmitter and receiver, enabling direct network connectivity for devices at both ends — eliminating the need for additional switches or cable runs. Built in rugged aluminum enclosures with locking HDMI and power connectors, this extender is designed for reliable, long-term deployment in commercial AV installations.

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|  <b>4K</b><br>Up to 4K UHD<br>10.2 Gbps |  <b>330ft</b><br>HDBaseT<br>Single CAT6 |  <b>Ethernet</b><br>2-Port Switch<br>TX & RX |  <b>Control</b><br>IR + RS-232<br>Bidirectional |  <b>Audio</b><br>TrueHD / DTS<br>LPCM |
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### KEY FEATURES

- Extends 4K HDMI up to 330 ft (100 m) over a single CAT6 cable — reducing cable clutter and installation cost
- Built-in 2-port Ethernet switch on both TX and RX — delivers LAN at source and display without extra switches
- Supports 480i through 4K UHD, 1080p/60, and 3D for broad source and display compatibility
- Bidirectional IR pass-through enables remote control of source or display from either end
- RS-232 serial port for seamless integration with Crestron, Extron, AMX, and other control systems
- Full-bandwidth audio: Dolby TrueHD, DTS Master Audio, and uncompressed 7.1-ch LPCM
- HDCP, CEC, and EDID compliant for reliable handshaking with protected and legacy content
- Aluminum enclosures with locking connectors and mounting ears for secure, clean installations

### SPECIFICATIONS

|                         |                                                                |
|-------------------------|----------------------------------------------------------------|
| <b>HDMI / HDCP</b>      | HDMI 1.4 • HDCP • CEC • EDID                                   |
| <b>Video Resolution</b> | Up to 4K, 1080p/60, 3D • 10.2 Gbps                             |
| <b>Audio</b>            | Dolby TrueHD • DTS Master Audio • LPCM                         |
| <b>TX I/O</b>           | 1× HDMI In • 1× HDBaseT Out • 2× Ethernet • IR In/Out • RS-232 |
| <b>RX I/O</b>           | 1× HDMI Out • 1× HDBaseT In • 2× Ethernet • IR In/Out • RS-232 |
| <b>Extension</b>        | HDBaseT • 330 ft (100m) • CAT5e / CAT6                         |
| <b>Ethernet</b>         | 10/100 Mbps • 2 ports per unit (TX & RX)                       |
| <b>Enclosure</b>        | Aluminum • 3.30" × 1.18" × 5.27" • 1 lb each                   |
| <b>Power</b>            | DC 5V / 3A adapter • 6.5W per unit                             |
| <b>Environment</b>      | -20°C to +60°C • 10–90% RH                                     |

### PACKAGE CONTENTS

1× HDMI Pro Transmitter • 1× HDMI Pro Receiver • 4× Mounting Ears • 2× DC 5V/3A Adapters • 2× IR Emitters • 2× IR Receivers • 2× RS-232 Cables • 1× User Manual

