# EXT-HBT70-SET  HDMI over HDBaseT extender Set

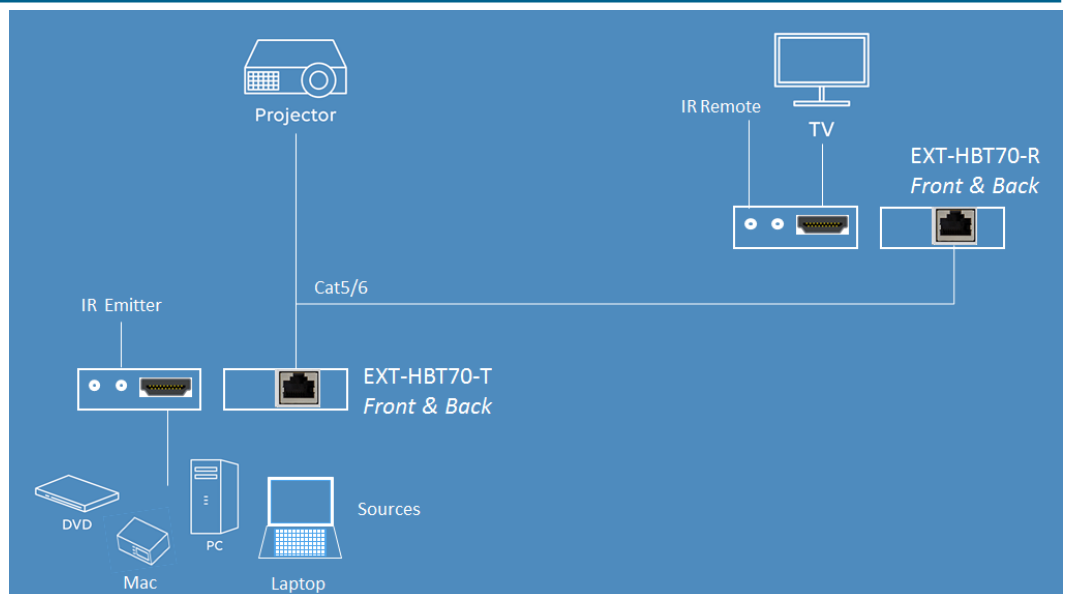**GeMNeXT**

The **EXT-HBT70-SET** is an HDBaseT Extender set consist of transmitter (EXT-HBT70-T) and receiver (EXT-HBT70-R).

The extender set consists of a transmitter and receiver pair. HDMI signals are input into the transmitter and HDBaseT technology is used to transmit the signals to the receiver up to 70 m via a Cat5e/Cat6 cable. The receiver then outputs the HDMI signal. Bi-directional IR is also transmitted across the Cat5e/Cat6 cable. The extender set supports PoC, which can be used to power the receiver via the Cat5e/Cat6 cable. This eliminates the need for power at the receiver end.

*FEATURES:*

*Supports 4Kx2K@60Hz up to 40 meter and 1080p  up to 70 meter*

*HDMI 1.4 & HDCP 2.2. compliant,*

*Bi directional IR and Power over Cat*

## Diagram

HBT70-T transmitter to HBT70-R receiver or direct to a projector via Digital Link



## SPECIFICATIONS:

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|---|---|
| Input EXT-HBT70-T | 1 x HDMI & 1 x IR IN (3.5mm jack) |
| Output EXT-HBT70-T | 1 x HDBT (RJ45) & 1 x IR Out (3.5mm jack) |
| Input EXT-HBT70-R | 1 x HDBT (RJ45) & 1 x IR IN (3.5mm jack) |
| Output EXT-HBT70-R | 1 x HDMI & 1 x IR Out (3.5mm jack) |
| Transmission Mode | HDBaseT |
| Resolution Range | 800x600@60Hz up to 4Kx2K |
| Transmission Distance | 1080p @ 70 meter, 4Kx2K @ 40 meter |
| SNR | >70dB @ 100MHz—100M |
| Bandwith | 10.2Gbps |
| HDMI Standard | Support HDMI 1.4 & HDCP 1.4 |
| Impedance | 75Ω |
| Operating Temperature | 0°C ~ 50°C |
| Operating Humidity: | 10% ~ 90% |
| Power Supply | DC 12V, 1A |
| Dimension | 61x 24 x 120 mm |
| Weight | 56 gram for set |