

# HDBaseT Transmitter and Receiver Kit

**HB10B**



Take your digital video installations to new lengths with the high-performance, small form factor ViewSonic® HB10B HDBaseT Transmitter and Receiver kit. Featuring the world's first integrated HDMI connector, as well as a miniature form factor, the HDBaseT receiver seamlessly integrates into almost any display device with an HDMI input. Utilizing HDBaseT technology, the HB10B kit is capable of sending uncompressed ultra-HD audio & video, IR controls, and power from up to 70 meters away via network cable. With an integrated IR blaster and receiver ports, the HB10B kit lets you take control of your media equipment on both ends with bi-directional control. The HDBaseT receiver comes equipped with PoC (Power over Cable), making it one of the most versatile receivers in the market. In addition to seamlessly integrating with almost any HDMI-based display devices such as televisions, large format displays, digital signage, etc., the HDBaseT receiver (Dongle type) also fits into any PortAll® compartment available on select ViewSonic® projectors - enabling you to discreetly stream uncompressed multimedia content from set-top boxes, Blu-ray players, AV receivers and more.



---

## World's 1st HDBaseT HDMI Dongle

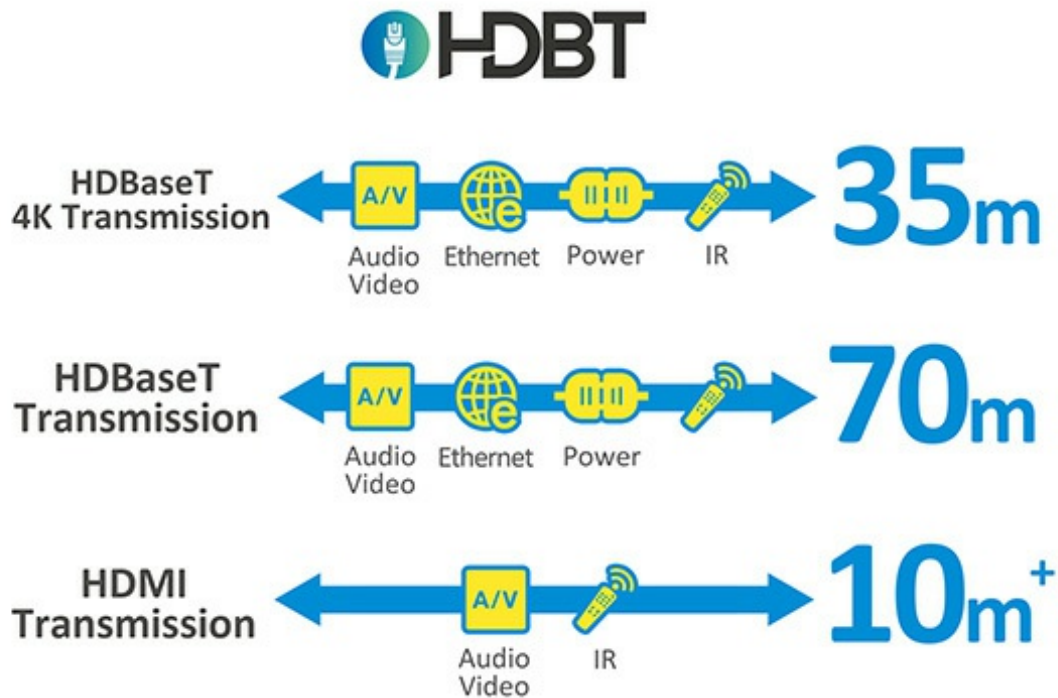
Featuring a miniature form factor, the HB10B receiver can be carried by installers easily, when deploying the Pro AV system in a large venue.



# Extended Signal-Transmitted Application

Utilizing HDBaseT technology, this kit is capable of sending uncompressed HD video and audio via network cable - so it's perfect for sending content over long distances to your display devices.

Transmit 4K/2K video from up to 35 meters away, and transmit 1080p video from up to 70 meters away.



---

## HDMI 3D Content and HDCP Compliance

"With compliance to the HDMI specification, all audio and video transmitted, including 3D content, meets high-def standards for capacity, performance, resolution, and colour.

With HDCP compliance, data is encrypted when transmitted between the source and the display, thus preventing the possibility of illegal interception or copying of the data.

**HDMI**<sup>®</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE

**HDCP**<sup>™</sup>  
HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

---

## **Seamless Installation with Display Devices**

Featuring an integrated HDMI connector, as well as a miniature form factor, the HDBaseT receiver seamlessly integrates into almost any display device with an HDMI input. This includes televisions, large format displays, digital signage, and projectors.



## Command Remote Multimedia Devices

Through IR extended cables, the integrated IR blaster and receiver ports allow you to take control of your media equipment on both ends with bi-directional control.



---

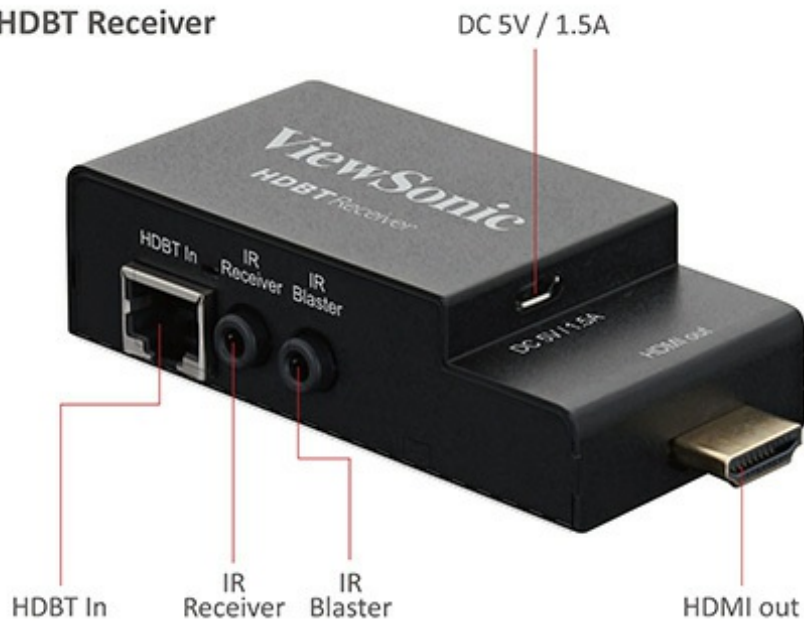
# Discretely Streaming

ViewSonic®'s exclusive PortAll® feature is a hidden compartment with an integrated and secure MHL/HDMI port that lets you discretely stream multimedia content from the HB10B.



RJ45

HDBT Receiver



HDBT Transmitter



## Technical Specifications

---

LAN	1
IR Receiver	1 (3.5 mm)
IR Blaster	1 (3.5 mm)
Power Consumption	3W (Max.)

---

<b>Receiver</b>	HDMI out	1
	LAN	1
	IR Receiver	1 (3.5 mm)
	IR Blaster	1 (3.5 mm)
	Power Consumption	7W (Max.)
	Power Socket	1 (by Micro USB)

---

<b>Output Resolution</b>	HDMI	1080P up to 230ft (70m) by Cat 6 4K/2k up to 115ft (35m) by Cat 6
--------------------------	------	--

---

#### **DIMENSIONS AND POWER**

Dimension (WxDxH)	Transmitter	99.5 mm (W) x 74mm (D) x 18mm (H) 3.92" (W) x 2.91" (D) x 0.71" (H)
	Receiver	41.5 mm (W) x 84.5 mm (D) x 23.9 mm (H) 1.63" (W) x 3.33" (D) x 0.94" (H)
Net Weight	214g (0.47lb) (Transmitter: 122g, Receiver 92g)	
Power Source	100~240Vac 50/60Hz	
Power Consumption	Transmitter	100~240VAC @ 50/60Hz, 12V/1A output (power adaptor)
	Receiver	POC from Transmitter or USB power (5V/1.5A)

---

<b>REGULATIONS</b>	Standard	FCC, CE, ErP, RoHS
--------------------	----------	--------------------

---

## **ViewSonic® Limited Warranty**

ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.

---

For more product information, visit us at [www.viewsoniceurope.com](http://www.viewsoniceurope.com)

All rights reserved by ViewSonic Corporation. All other Corporate names and trademarks are the property of their respective companies. E&EO. All prices and specifications are subject to change without written notice. Images are for illustrative purpose only. Terms & Conditions Apply.