HDMI® HDBaseT™
2.0 KVM EXTENDER SET, 100 m



Manual

DS-55505

Introduction

With the DIGITUS® HDMI® HDBaseT™ 2.0 KVM Extender Set, you can control your source device at a distance of up to 100 meters using a single CAT5e/6/7/8 cable connection with uncompressed 4K-HDMI® video content and access to up to 6 connected USB devices. This extender was specially developed for smooth and easy setup. HDBaseT™ 2.0 enables installation using a single cable, avoiding the laborious relocation of multiple cables. A typical application would be a multi-room solution in which the source device and display can be at a distance of up to 100 m. From the receiver, you can use up to 6 USB devices that are connected to the transmitter module, and of course you can enjoy video and audio content. A very easy KVM functionality when it comes to installation and application. Instead of relocating multiple cables, use a single RJ45 network cable or the existing network connections (point-to-point) with the HDMI® HDBaseT™ 2.0 Extender from DIGITUS®.

Package Content

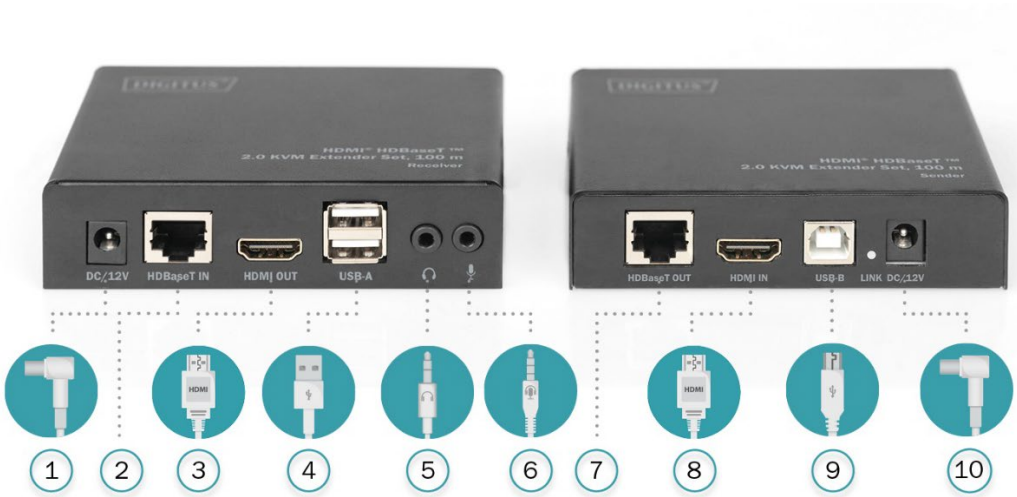


①. 1 x HDMI® HDBaseT™ 2.0 KVM Extender Set
②. 4 x Installation bracket for wall mounting
③. 2 x Power adapter 12 V / 2 A
④. 1 x USB Connection cable 1.5 m

Ports and Interfaces

RX (Receiver) **TX (Sender)**

Front:



Back:



1. DC 12V: DC 12V In
2. HDBaseT IN: Standard HDBaseT Signal Input Port. Connect HDBaseT Receiver with a Cat5e/6/7 Cable.
3. HDMI OUT: Connect to an HDMI Equipped TV/monitor
4. USB Type A: Connect to USB peripheral devices such as printer, keyboard, mouse, U-disk etc.
5. Earphone: Connect to Stereo Audio output Device
6. Microphone: Connect to Microphone Audio input Device
7. HDBaseT OUT: Standard HDBaseT Signal Output Port. Connect HDBaseT Receiver with a Cat5e/6/7 Cable.
8. HDMI IN: Connect to Input Sources via HDMI Male Input Port
9. USB Type B: Connect from PC or Laptop for data transmit to or control from the Receiver's USB-A slots.
10. DC 12V: DC 12V In
11. USB Type A: Connect to USB peripheral devices such as printer, keyboard, mouse, U-disk etc.
12. Power: Power LED Indicator

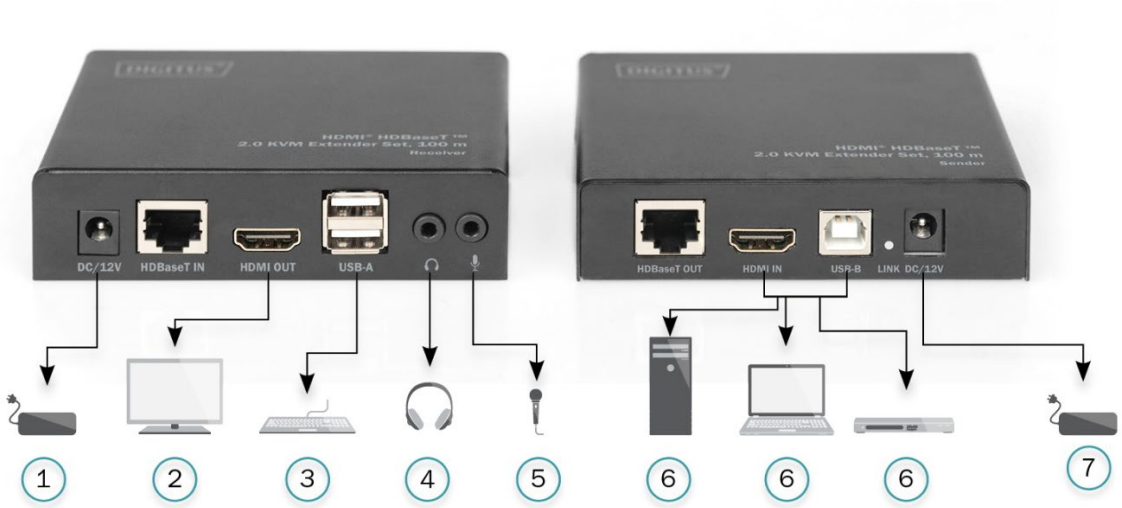
    Link:
    No Connection: Keep Lighting off
    Get Connection: Keep Lighting on

    HDCP:
    Signal with HDCP: Keep Lighting on
    Signal with No HDCP: Flash Quickly

Features

- Transmit high-resolution multimedia content without a loss of quality and uncompressed over distances of up to 100 m
- Saves unnecessary cable relocation and pools multimedia signals along with many other signals in a single network cable
- Forwarding without loss of quality through transmission of uncompressed data
- Supports HDBaseT™ 2.0 via CAT5e/6/7/8 cable up to 100 m
- Supports transmission of video, audio and USB signals via network cable
- Supports Full 3D, 1080p, 4K@60Hz (YUV 4:2:0)
- Supports USB 2.0 features (HighSpeed) for up to 6 USB devices
- Supports CEC (Consumer Electronics Control)
- Supports uncompressed audio transmission (LPCM7.1)
- Supports compressed audio transmission (DTS, Dolby Digital incl. DTS-HD Master Audio™ and Dolby TrueHD)

Connection Diagram



①. Adapter
②. TV
③. Keyboard
④. Audio
⑤. Mic

⑥. PC or DVD or Laptop
⑦. Adapter



⑧. Mouse
⑨. Camera

Specification

Inputs	1 x HDMI®, 1 x USB B
Outputs	1 x HDMI®, 6 x USB A
HDMI® bandwidth	10.2 Gbps
HDCP version	2.2
HDMI version	1.4
Color depth	36-bit total (12-bit per channel) Uses HDBaseT™ 2.0 technology (VS2310)
Support	• Supports Full 3D, 1080p, 4K@30/60Hz • Supports sub-sampling: 4:2:0 • Supports HDBaseT™ 2.0 via CAT5e/6/7/8 cable up to 100 m • Supports USB 2.0 features (Hi-Speed) • Supports CEC (Consumer Electronics Control) • Supports uncompressed audio transmission (LPCM7.1) • Supports compressed audio transmission (DTS, Dolby Digital incl. DTS-HD Master • Audio™ and Dolby TrueHD) • Supported resolutions (interlaced): 480i, 576i, 1080i • Supported resolutions (progressive): 480p, 576p, 720p, 1080p, 4K (4096x2160@24Hz, 3840x2160@60/30Hz)
Operating temperature	0 °C to +40 °C
Operating humidity	5% to 90% RH (non-condensing)
Power consumption transmitter	3 W
Power consumption receiver	7 W
Power adapter	Input: 100 - 240 V AC / 0.65 A – Output: 12 V / 2 A
Cable length power adapter	1.2 m
Dimensions transmitter	W 10.3 x D 8.9 x H 2.5 cm
Dimensions receiver	W 11 x D 8 x H 2.8 cm
Weight	235 g (transmitter), 260 g (receiver)
Housing	Metal

Note: Specifications are subject to change without notice.

This is a Class A product. In home environment, this product may cause radio interference. In this case, the user may be required to take appropriate measures.

Hereby Assmann Electronic GmbH, declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned

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