

# OUR GLOBAL COMPETENCE CENTRES



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# HDBaseT™ Long Distance Solution

Part No. DB-07-331



# HDBASET™ LONG DISTANCE SOLUTION

## WHAT IS HDBASET™?

HDBaseT™ is an interface standard capable of transmitting high definition multimedia signals

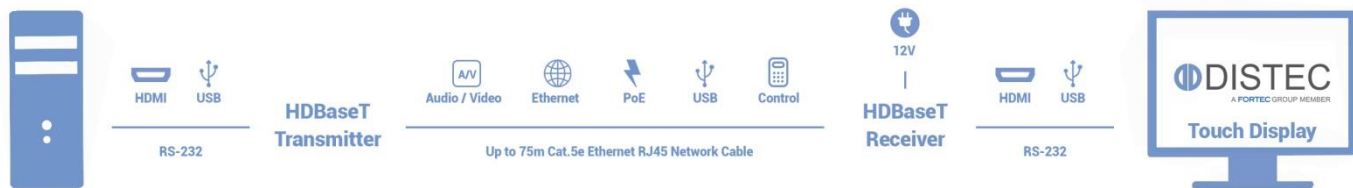
- 2k / 4k HDMI
- USB 2.0
- Audio
- PoE (Power over Ethernet) and
- Control signals CEC, RS232/UART

via a single RJ45 CAT.5e UTP Ethernet network cable over a distance of up to 75m 2k @60Hz / 4k @30Hz.

via a single RJ45 CAT.5e FTP Ethernet network cable over a distance of up to 50m 2k @60Hz / 4k @30Hz.

The product consists of a transmitter and a receiver. A 12V power supply e.g. NT-01-062 and a minimum CAT.5e standard network cable with RJ45 plugs are needed additionally.

## SIMPLIFIED DIAGRAM

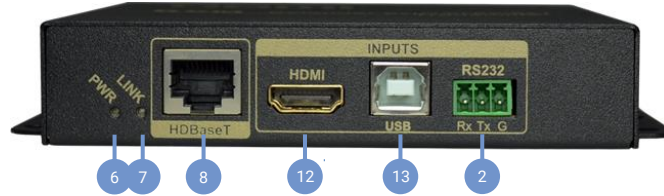


# HDBaseT™ LONG DISTANCE SOLUTION

## MAIN FEATURES

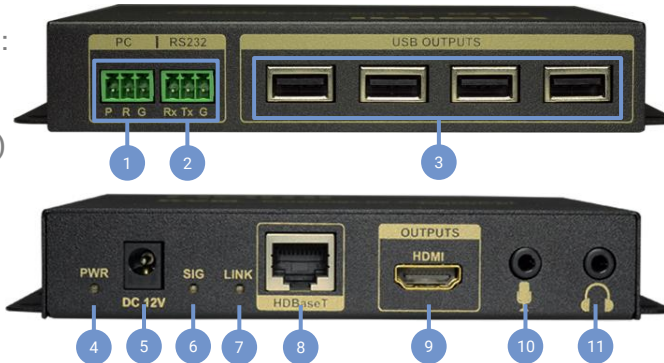
### HDBaseT™ transmitter:



- 1 x HDMI
- 1 x USB
- 1 x RS232
- 1 x HDBaseT



### HDBaseT™ receiver:

- 1 x HDMI (supported function: EPG, CEC and EDID)
- 4 x USB 2.0 Ports (keyboard, mouse, touchscreen function)
- 1 x 12V Power Supply (e.g. NT-01-062)
  - PoE feeding ≈ 24W
- 1 x RS232
- Audio Line:
  - 1 x microphone 3,5
  - 1 x speaker 3,5



- 1 **PC** Connector for optional switch
- 2 **RS-232** RS-232 port for remote control, max. baud rate 115200bps
- 3 **USB OUTPUTS** USB output interface to connect USB devices (e.g. camera, sound card, keyboard, mouse etc.)
- 4 **PWR** Power indicator
- 5 **DC 12V** DC power input port, supports DC 12V input 2.1mm jack
- 6 **SIG** Signal o.k. indicator
- 7 **LINK** Connection indicator - when CAT.5e/6 cable is connected correctly, LED is steadily on
- 8 **HDBaseT** CAT5.e/6 network interface, supports HDBaseT
- 9 **HDMI OUTPUTS** HDMI output to connect devices with HDMI input (e.g. monitors, LCD TV set etc.)
- 10  Computer microphone interface, 3.5mm to connect a microphone
- 11  Stereo output, receiving additional analog stereo audio signal output
- 12 **HDMI INPUT** HDMI input to connect devices with HDMI output (e.g. computers, Blu-rays, DVD players etc.)
- 13 **USB INPUT** USB input to connect a computer USB port

# HDBASET™ LONG DISTANCE SOLUTION

## ADVANTAGES

Do you want to install a multimedia display in an area where there is no possibility to install a PC as well?  
These are the advantages you get from a HDBaseT™ long distance solution:



- Commonly used Industrial standard
- Cost-effective cabling via one single cable, which means no cable spaghetti
- 5 signals via one cable: video, audio, Ethernet, USB2.0, control signals and power
- High resolution long distance solution
- Uncompressed and therefore lossless signal transmission
- Very low latency
- Easy installation

Please contact us, we are happy to advise you!

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