

# Digitus® 4K HDBaseT™ HDMI extender set, 70 m

DS-55520

EAN 4016032483670



## 4K HDBaseT Extender Set, 70 m PoC, RS232, IR, black

The HDBaseT™ Extender Set extends Full HD AV signals to a distance of up to 70 m, 4K/30Hz signals can be extended to a distance of up to 40 m via a CAT6 (or higher) network cable. Thanks to PoC (Power over Cable), only one unit needs to be supplied with power via an external power supply unit. The scope of services also includes bi-directional IR and RS232 signal transmission.

### The HDBaseT™ HDMI Extender Set enables uncompressed signal transmission of high-resolution AV signals over long distances

- Supports HDBaseT™ 1.0 via CAT6/7/8 cable up to 70 m
- Supports 4K2K/30Hz (24bit)
- Maximum transmission distance (UHD 4K/30Hz, CAT6 or higher): 40 m
- Maximum transmission distance (Full HD, 1080p, CAT6 or higher): 70 m
- PoC (Power over Cable) - only one unit requires an external power supply unit
- Bi-directional IR signal transmission
- Bi-directional RS232 signal transmission
- HDCP 2.2 / 1.4
- Video bandwidth: 10.2 Gbps
- Transmitter unit connections:
  - 1x HDMI input (4K/30Hz) - Signal source connection
  - 1x RJ45 (HDBaseT™) output - CAT transmission cable connection
  - 1x IR input for receiving remote control signals
  - 1x IR output to control the source device
  - 1x RS232 (3-pin Phoenix) for RS232 command transmission
  - 1x power supply input (DC 24V/1A), screw connector - external power supply connection

- Receiver unit connections:
  - 1x HDMI output (4K/30Hz) - Output device connection
  - 1x RJ45 input (HDBaseT™) - CAT transmission cable connection
  - 1x IR input for receiving remote control signals
  - 1x IR output to control the source device
  - 1x RS232 (3-pin Phoenix) for RS232 command transmission
  - 1x power supply input (DC 24V/1A), screw connector - external power supply connection
- Suitable for wall mounting
- ESD protection
- Operating temperature: 0–40°
- Power consumption: approx. 20W max.
- Compression: HDBaseT 1.0
- Housing: Metal
- Dimensions (1 unit): L 6.5 x W 11.5 x H 1.7 cm
- Weight (1 unit): 200 g
- Color: black

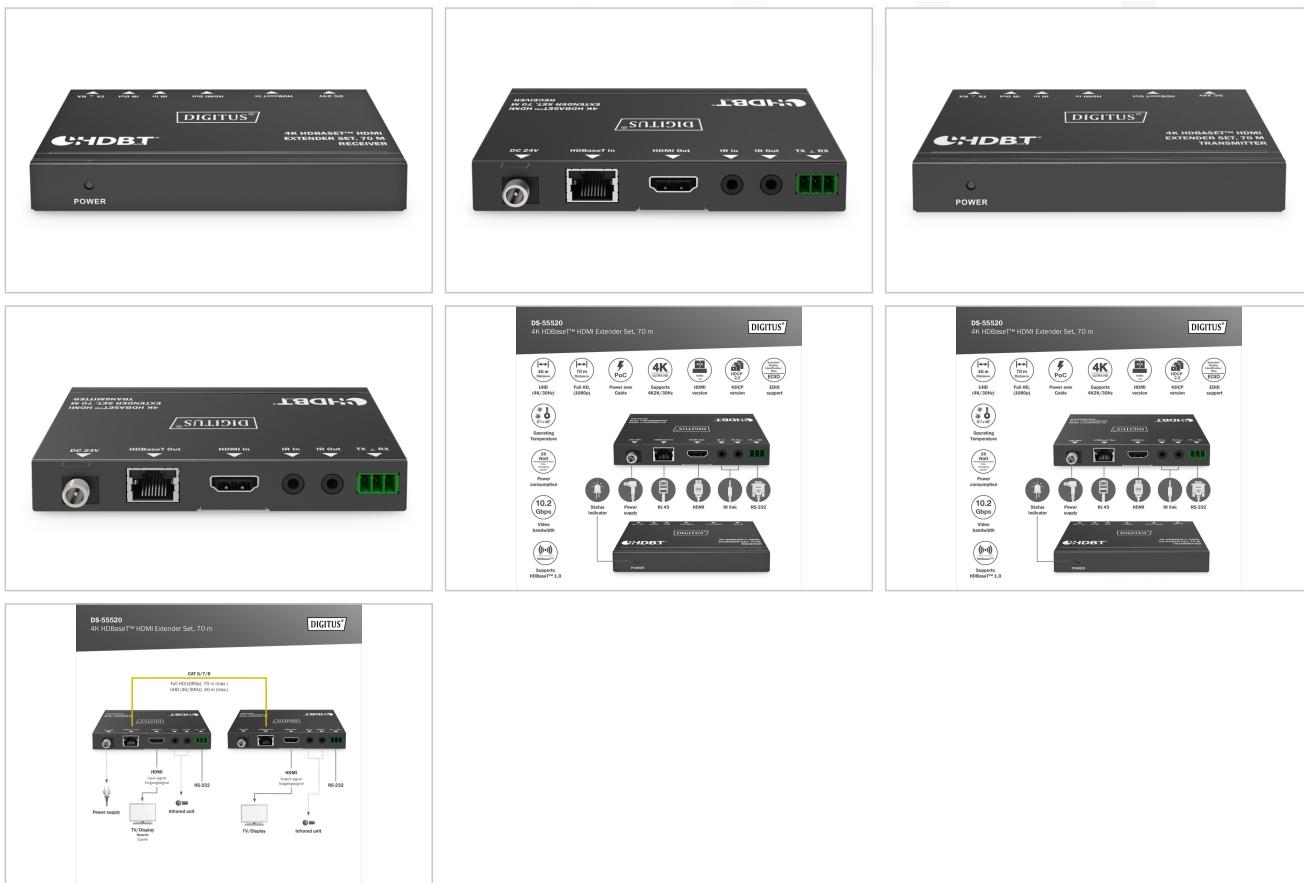
### Attributes

- KVM: no
- PoE (Power over Ethernet): no

### Package contents

- 1x transmitter unit
- 1x receiver unit
- 1x IR transmitter cable (1.5 m)
- 1x IR receiver cable (1.5 m)
- 1x power supply unit (DC 24V/2A, 1.15 m)
- 1x mounting material
- 1x operating instructions

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
<b>Packaging Unit Carton</b>	20	16.50	37.50	44.90	37.20	62,635.50
<b>Packaging Unit Inside</b>	1	0.83	0.00	0.00	0.00	0.00
<b>Packaging Unit Single</b>	1	0.83	15.50	21.50	7.00	2,332.75
<b>Net single without Packaging</b>	1	0.20	11.50	6.50	1.70	0.00

**More images:****Safety notes**

- If the device is powered by a plug-in power supply, ensure that the power adapter is connected correctly and meets the specified requirements (e.g. voltage and current).
- Only use certified CAT5e or CAT6 cables to ensure stable signal transmission.
- For particularly long cable runs or in environments prone to interference, it is recommended to use shielded network cables.
- Make sure that all connections are tight and secure to avoid loose contacts that could affect the signal quality. Make sure that the HDMI and Ethernet connections are connected correctly.
- Make sure that the CAT cable is not laid near high-voltage power lines or other strong sources of electromagnetic interference to avoid signal interference.
- Only operate the device within the specified temperature range.
- Do not use the device outdoors or in damp or wet environments
- Check all connections and cables regularly for wear or damage. Cables and connections can wear out, especially with frequent use or long installations, which can lead to poor signal quality or system failure.

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

ASSMANN Electronic GmbH

Auf dem Schüffel 3

Lüdenscheid, Germany

<https://www.assmann.com>

info@assmann.com