HDBaseT Box – Transmitter and receiver

Robust solution for signal transmission

The proven transmission standard HDBaseT enables the wired signal transmission of image and USB signal over up to 100 m. This is especially important in the production environment since the susceptibility of radio connections to interference makes wired transmission mandatory and the image signal can be transmitted via DP and HDMI max 15 m.

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One device three application areas
The HDBaseT solution from ADS-TEC is the ideal solution for remote application environments in three different application areas:

> **The HDBaseT Standalone Kit is used for data transmission by means of a transmitter (TX) and receiver (RX) between a computer and a monitor without integrated HDBaseT module**

> **Compatible ADS-TEC monitor with integrated HDBaseT receiver module and industrial PC without integrated HDBaseT transmitter module**

> **Monitor without integrated HDBaseT receiver module and ADS-TEC IPC with integrated HDBaseT transmitter module**

Top-hat rail mounting
Simple mounting on a DIN rail makes it easy to install the device in control cabinets or on machines and systems.

Extended temperature range
With an extended temperature range of -26 °C to +60 °C, the device is qualified for use in extreme heat or cold. This makes it ideal for use in the food, beverage, pharmaceutical and chemical industries.

Technical data

	HDBaseT Box TX (Transmitter)	HDBaseT Box RX (Receiver)
Housing	Aluminium-Druckguss, pulverbeschichtet	
Cooling	Passive cooling, fanless	
Interfaces	1x USB (type B) 1x HDMI 1x HDBT (RJ45 for CAT6a cable) 1x DCIN	1x USB (type A) 1x HDMI 1x HDBT (RJ45 for CAT6a cable) 1x DCIN
Power supply	12-24V +/- 20%	
Max. cable length (CAT6a)	100 m	
Protection class	IP30	
Storage temperature	-30 ºC to +80 ºC	
Operating temperatur	-26 ºC to +60 ºC	
Dimensions (W x H x D)	158 x 35 x 123 mm	
Weight	Approx. 0.5 kg	

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