

HDBT-GAHD31T/AP3 & HDBT-GAHD31R/AP3

HDBaseT Extender (HDMI / Display Port / VGA)



Model:
HDBT-GAHD31T/AP3
(Transmitter)

Model:
HDBT-GAHD31R/AP3
(Receiver)

The **HDBT-GAHD31T/AP3 & HDBT-GAHD31R/AP3** is a pair of automatic switcher that switches and scales input from multiple formats to output onto a display via HDBaseT.

It is able to automatically detect and switch input signals from HDMI, Display Port and VGA based on manual selection or last connected input. The signal will be automatically scaled and passed through a single CAT-5 cable using HDBaseT technology to the display (or receiver) up to 100m.

Bi-directional IR and RS-232 commands can also be passed through the same cable to control the source and display. Power over cable is also supported, allowing the receiver or transmitter to power up without connecting to a power adaptor.

The HDBT-GAHD31T/AP3 & HDBT-GAHD31R/AP3 also comes with a 8 pin 2.54mm connector for convenient integration with ABtUS IFP-600 series of modular interface panels.

Features

- Automatic input detection & selection (Based on manual selection or last connected input)
- Supports up to 4K 2K resolutions
- Automatically scale VGA and DP inputs to 1080p @ 60Hz
- Extends HDMI / DP / VGA up to 100m (1080p)
- Supports bi-directional IR and RS-232
- Support POC (power over cable)



Technical specification

	HDBT-GAHD31T/AP3	HDBT-GAHD31R/AP3
Input:	1× HDMI 1× Display Port 1× VGA	1× RJ45
Output:	1× RJ45	1× HDMI
Control:	Front Panel & 8-pin external control	
HDCP compliance:	Yes	
HDMI compliance:	HDMI Deep color, Full 3D & 4K 2K	
Scaled Video support:	1080p @ 60Hz 36-bit color	
Audio support:	Surround sound (up to 7.1ch) or stereo digital audio	
Transmission range:	Full HD (1080p) up to 100m through HDBaseT, 4K 2K up to 100m through HDBaseT	
IR pass through:	Bi-directional	
RS-232 support:	Yes	
Max power consumption:	10.8W	11W
Power supply:	24V 1A	
Housing:	Metal case	
Gross dimension:	340 × 200 × 55 mm	340 × 200 × 55 mm
Gross weight:	1200 g	950 g

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Typical applications

Any integration that requires multi format inputs over a long distance or requires HDBT outputs.

- Schools (Classroom, Lab, Hall etc.)
- Churches
- Corporate Applications (Board Room, Function Room etc.)
- Rental

Diagram

