

HDBT-UUB11H-70M

USB-C To HDMI HDBaseT Extender 70M With USB2.0



HDBT-UUB11H-70M
TX



HDBT-UUB11H-70M
RX

The ABtUS HDBT-UUB11H-70M is an USB-C To HDMI HDBaseT Extender which allows high definition video to be transmitted over distances of up to 40m at 4K@60Hz and 70m at 4K@30Hz via CAT6A cable.

The transmitter features one USB-C input and one HDBaseT 3.0 output. For the USB-C in, it provides an AV ideal interface for connecting to Mac-book or other device with SlimPort output and there's also a additional USB-C power meant for connecting external power adaptor to charge USB C device connected to USB-C in.

The receiver features one HDMI output, one HDBaseT 3.0 input and 4 USB 2.0 ports for connecting with KVM device such as camera, keyboard and mouse.

Features

- USB-C input supports 4K@60Hz 4:4:4.
- Supports to transmit up to 40m at 4K@60Hz and 70m at 4K@30Hz.
- Supports bi-direction 24V PoC power supply.
- TX supports USB-C charging port to charge input device
- 5 USB 2.0 ports for connecting with KVM device.
- Micro-USB for firmware upgrade.

Technical specification

	TX	RX																					
Input:	2 x USB-C IN [Type C]	1 x HDBaseT IN [RJ45]																					
Output:	1 x HDBaseT Out [RJ45]	1 x HDMI Out [Type A female HDMI]																					
Control:	1 x USB 2.0 [Type A 5V500mA]	2 x USB 2.0 [Type A 5V250mA] 1 x USB 2.0 [Type A 5V1A] 1 x USB 2.0 [Type C 5V1A]																					
Video Resolution:	Up to 4K@60Hz 4:4:4	Up to 4K@60Hz 4:4:4																					
HDCP Version:	Input: HDCP 2.2, HDCP 1.4 compliant Output:																						
	<table border="1"> <thead> <tr> <th></th> <th colspan="3">RXOUT</th> </tr> <tr> <th>TX IN</th> <th>HDCP 2.2</th> <th>HDCP 1.4</th> <th>NO HDCP</th> </tr> </thead> <tbody> <tr> <th>HDCP 2.2</th> <td>HDCP 2.2</td> <td>NO HDCP</td> <td>NO HDCP</td> </tr> <tr> <th>HDCP 1.4</th> <td>HDCP 2.2</td> <td>HDCP 1.4</td> <td>NO HDCP</td> </tr> <tr> <th>NO HDCP</th> <td>NO HDCP</td> <td>NO HDCP</td> <td>NO HDCP</td> </tr> </tbody> </table>				RXOUT			TX IN	HDCP 2.2	HDCP 1.4	NO HDCP	HDCP 2.2	HDCP 2.2	NO HDCP	NO HDCP	HDCP 1.4	HDCP 2.2	HDCP 1.4	NO HDCP	NO HDCP	NO HDCP	NO HDCP	NO HDCP
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PoC:	Supported bi-directional 24V PoC																						
HDMI V2.0 Cable Length:	4K@60Hz 4:4:4 ≤ 5m, 4K@60Hz 4:2:0 ≤ 10m, 1080P ≤ 15m																						
Transmission Distance:	4K@60 4:4:4 ≤ 40m; 4K@30 4:4:4 ≤ 70m																						
Operation Temperature:	-5 to +55 °C (+23° to +131°F)																						
Storage Temperature:	-25 to +70°C(-13° to +158°F)																						
Relative Humidity:	10% to 90%, Non-condensing																						
Power Supply:	24V DC 1.25A																						
Power Consumption:	30W																						
Dimension(W*D*H):	90mm x 140mm x 24mm	90mm x 120mm x 24mm																					
Weight:	285g	250g																					

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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

