

# avgear

## ANY SIGNAL ANYWHERE

### AVG-HD300S

Ultra-thin HDBT 2.0  
HDBaseT Extender



The AVG-HD300S is an ultra compact extender set consisting of a Transmitter and a Receiver. HDMI signal is input into the transmitter and HDBaseT 2.0 technology is used to transmit high-resolution 1080p / 4k signal to the receiver up to 70 / 40m via a Cat5e / Cat6A cable. The receiver then outputs the HDMI signal.

#### Features

- Ultra thin design
- Supports Full HD: Delivers high resolution image (1080p@60Hz@48 b/pixels/3D/4Kx2K).
- Maximum transmission distance is up to 70m for 1080p and up to 40m for 4Kx2K over single CAT5e / CAT6a cable.
- High Bandwidth: 10.2Gps.
- HDTV Compatible, use HDMI 1.4 and HDCP2.2 compliant.
- Support CEC / IR / RS232 passthrough.
- Support bi-directional PoH.
- Bi-directional RS232 / 12v IR control.
- HDBaseT 2.0 technology.

## Specifications

Model Spec	Transmitter	Receiver
<b>Input</b>		
Signal	1 x HDMI IN	1 x IR IN, 1 x HDBT IN
Connector	1 x 19-pin Type-A female HDMI	1 x 3.5mm mini jack 1 x RJ-45
<b>Output</b>		
Output	1 x HDMI OUT; 1 x IR OUT; 1 x HDBT OUT	1 x HDMI OUT
Connector	1 x 19-pin Type-A female HDMI 1 x 3.5mm mini jack 1 x RJ-45	1 x 19-pin Type-A female HDMI
<b>General</b>		
Resolution Range	Up to 4K × 2K@30Hz	
Transmission Mode	HDBaseT	
Transmission Distance	1080P@60Hz ≤70m 4Kx2K@30Hz ≤40m	
Bandwidth	10.2Gbps	
HDMI Standard	HDMI 1.4 and HDCP 1.4	
Temperature	0~ 50°C	
Reference Humidity	10% ~ 90%	
Power Supply	DC 12V, 2A	
Power Consumption	11W(Max)	
Dimension (W*H*D)	128x 16x 84 mm	90x 16x 84 mm
Weight	157g	116g