

## PRODUCT SPECIFICATION

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### CABLE DISTANCE

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**Max Distance  
CAT5e/CAT6**

LR Mode 1080p 60Hz @ 150m  
1080p 60Hz @ 100m  
UHD 30Hz @ 70m

**Max Distance  
CAT6a/CAT7**

LR Mode 1080p 60Hz @ 150m  
1080p 60Hz @ 100m  
UHD 30Hz @ 100m

### VIDEO

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**# of HDBaseT Rx  
Channels**

1  
1 x RJ45 Connectors

**HDCP 1.4 / 2.2**

Compatible pass through

**HDMI 1.4 / 2.0**

Compatible pass through  
300 MHz Pixel Clock Limitation

**3D**

Compatible

**Resolution**

4K DCI 4096×2160 24Hz/25Hz/30Hz  
4096×2160 50Hz/60Hz @ chroma subsampling 4:2:0 8-bit  
3840×2160 24Hz/25Hz/30Hz  
4K UHD 3840×2160 50Hz/60Hz @ chroma subsampling 4:2:0  
8-bit  
2048x1080p  
FHD 1080p  
23.98Hz/24Hz/25Hz/29.97Hz/30Hz/50Hz/59.94Hz/60Hz  
1080i 50Hz/59.94Hz/60Hz  
720p 50Hz/59.94Hz/60Hz  
576p, 576i, 480p, 480i

**Color Space**

YUV, RGB

**Chroma Subsampling**

4:4:4, 4:2:2, 4:2:0

**Color Depth**

8-bit, 10-bit, 12-bit

**HDR**

4K HDR10 @ 24Hz, 4:2:0 chroma subsampling, 10-bit color

### AUDIO

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**Pass-Through**

All formats supported by HDMI 1.4 and HDMI 2.0  
All major digital audio formats, including: Dolby Digital, DTS,  
Dolby TrueHD,  
DTS HD-Master Audio, Dolby Pro Logic Iiz 7.1 & 9.1,

### CONTROLS

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**Diagnostics**

HDBaseT<sup>TM</sup><sub>[SEP]</sub> Diagnostics when paired with advoli HDBaseT  
Graphics Card  
Environmental<sub>[SEP]</sub> Diagnostics when paired with advoli HDBaseT  
Graphics Card  
Electrical Diagnostics when paired with advoli HDBaseT  
Graphics Card

**Infrared**

External IR Receiver Type A – 3 Pin Audio Jack Connector

## External IR Transmitter Type A – 3 Pin Audio Jack Connector

<b>RS232</b>	External In/Out – 3 Pin Audio Jack Connector (Virtual COM port) max baud rate: 115,200 bps
<b>CEC Compatible</b>	Pass through
<b>EDID Management</b>	Raw EDID pass through
<b>PHYSICAL</b>	
<b>Fan</b>	2 maglev fans
<b>Dimensions</b>	L: 65 mm H: 27 mm W: 40 mm L: 2.56 inches H: 1.06 inches W: 1.57 inches
<b>Weight</b>	70.85 g (+/- 0.5 g) / 2.5 oz (+/- 0.02 oz)
<b>Form Factor</b>	Dongle
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature</b>	0°C to 50°C / 32°F to 122°F With or without fans
<b>Storage Temperature</b>	-20°C to 60°C / -4°F to 140°F
<b>Humidity</b>	20 to 90% non-condensing
<b>Power</b>	8W
<b>Power Supply</b>	Optional if you use Power over HDBaseT (PoH) or Power over Ethernet (Poe) Input: AC 100V – 240V – 50Hz / 60Hz, 0.4A -0.2A Output: DC 24V, 500mA, 12W Max
<b>REGULATORY COMPLIANCE</b>	
<b>United States</b>	FCC
<b>Canada</b>	IC
<b>Europe</b>	CE
<b>Japan</b>	VCCI
<b>Australia &amp; New Zealand</b>	C-Tick
<b>HDBaseT</b>	Certified