

TECHNICAL SPECIFICATION EHB-200



18Gbps HDMI over HDBaseT Extender with Bi-directional IR

Technical	
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2 / HDCP 1.4
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K 50/60Hz 4:4:4
Color Space	RGB / YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit (1080P60Hz, 4K30Hz, 4K60Hz YCbCr 4:2:2/4:2:0) 8-bit (4K60Hz 4:4:4)
HDMI Audio Formats	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus(DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
L/R Audio Formats	PCM 2.0
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Resolution / Distance	
4K2K	394ft / 120M
1080P	492ft / 150M

Resolution / Cable Length	4K60 - Feet / Meters	4K30 - Feet / Meters	1080P60 - Feet / Meters
HDMI IN / OUT	10ft / 3M	30ft / 10M	50ft / 15M

The use of "Premium High Speed HDMI" cable is highly recommended.

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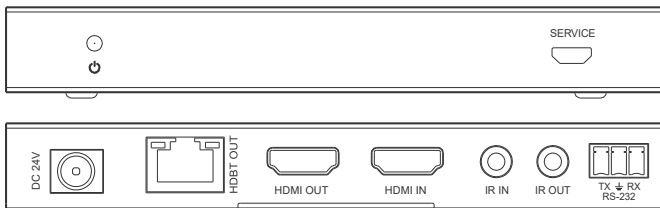
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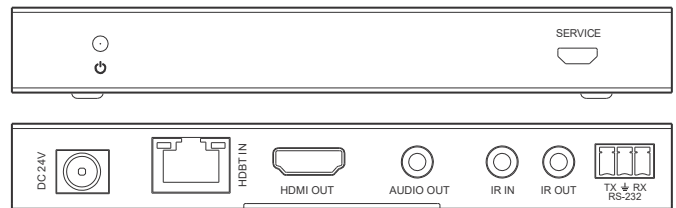
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Connections	
Transmitter	<p>Inputs: 1x HDMI Type A [19-pin female] 1x SERVICE [Mini-USB, Update port]</p> <p>Outputs: 1x HDMI Type A [19-pin female] 1x HDBT OUT [RJ45, 8-pin female]</p> <p>Control: 1x IR IN [3.5mm Stereo Mini-jack] 1x IR OUT [3.5mm Stereo Mini-jack] 1x RS-232 [Phoenix jack]</p>
Receiver	<p>Inputs: 1x HDBT IN [RJ45, 8-pin female] 1x SERVICE [Mini-USB, Update port]</p> <p>Outputs: 1x HDMI Type A [19-pin female] 1x AUDIO OUT [3.5mm Stereo Mini-jack]</p> <p>Control: 1x IR IN [3.5mm Stereo Mini-jack] 1x IR OUT [3.5mm Stereo Mini-jack] 1x RS-232 [Phoenix jack]</p>



Transmitter Panel



Receiver Panel

Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	Transmitter / Receiver: 5.5in /140mm [W] x 2.55in / 65mm [D] x 0.7in /18mm [H]
Weight	Transmitter: 160g, Receiver: 155g
Power Supply	Input: AC 100 - 240V 50/60Hz Output: DC 24V/1A (Locking connector)
Power Consumption	9.36 W
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

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