



TECHNICAL SPECIFICATIONS

SPECIFICATION

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@50/60Hz (4:4:4)
Color Space	RGB 4:4:4, YCbCr 4:4:4/4:2:2/4:2:0
Color Depth	8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit 10-bit,12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)
HDR	HDR10, HDR10+, HLG
HDMI Audio Formats	LPCM 2.0/2.1/5.1/6.1/7.1, DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
Coax Audio Formats	PCM 2.0, DTS 2.0/5.1
Analog Balanced Audio Formats	PCM2.0CH
Vmax	2Vrms
SNR	>90dB
THD+N Ratio	< 0.1% (V max) 0.001%~0.01% (V best)
Crosstalk	> 80dB
Frequency Response	20Hz~20kHz ± 0.5dB
ESD Protection	Human-body Model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)
HDBaseT Receivers	8 x Included



CONNECTION

Matrix	<p>Inputs: 8 x HDMI Type A [19-pin female]</p> <p>Outputs: 8 x HDMI Type A [19-pin female] 8 x HDBaseT port [RJ45] 8 x Coaxial audio [3.5mm Stereo Mini-jack] 8 x Balanced analog audio [5-pin Phoenix connector]</p> <p>Controls: 9 x IR IN [3.5mm Stereo Mini-jack] 9 x IR OUT [3.5mm Stereo Mini-jack] 1 x TCP/IP [RJ45] 1 x RS-232 [D-Sub 9]</p>
HDBaseT Receiver	<p>Input: 1 x HDBT IN [RJ45, 8-pin female]</p> <p>Outputs: 1 x HDMI Type A [19-pin female] 1 x AUDIO OUT [3.5mm Stereo Mini-jack]</p> <p>Controls: 1 x IR IN [3.5mm Stereo Mini-jack] 1 x IR OUT [3.5mm Stereo Mini-jack] 1 x RS-232 [3-pin Phoenix connector] 1 x SERVICE [Mini-USB, Update port]</p>

MECHANICAL

Housing	Metal Enclosure
Color	Black
Dimensions	Matrix: 440mm (W) 374mm (D) 88.6mm (H) Receiver: 140mm (W) x 65mm (W) x 18mm (W)
Weight	Matrix: 6.54Kg, Receiver: 155g
Power Supply	AC 100 - 240V 50/60Hz
Power Consumption	125W (Max)
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C~ 60°C/ -4°F ~ 140°F
Relative Humidity	20-90% RH (non-condensing)

Resolution / Distance	4K60 - Feet / Meters
CAT6/7	328ft / 100M

Resolution/ Cable Length	4K60 - Feet / Meters	4K30 - Feet / Meters	1080P60 - Feet / Meters
HDMI IN / OUT	16ft / 5M	32ft / 10M	50ft / 15M
The use of "Premium High-Speed HDMI" cable is highly recommended.			

