SPECIFICATIONS

Audio and Video

Inputs	1x HDBaseT™ In: 8-pin RJ-45 Female 1x S/PDIF In: TOSLINK (Digital Optical)
Outputs	1x HDMI Out: 19-pin type A
Output Video Encoding	HDBaseT™ Class A
Encoding Data Rate	10Gbps
End to End Latency	10µs (micro seconds)
Audio Formats	2ch PCM | Multichannel: LPCM and Up to DTS-X and Dolby Atmos

Video Resolutions (Max)

Video Resolutions

	HDMI	Cat6	Cat6a/7
1920x1080p @60Hz 12bit 4:2:0 HDR	15m/49ft	100m/328ft	100m/328ft
3840x2160p @24Hz 10bit 4:4:4	7m/23ft	70m/230ft	100m/328ft
3840x2160p @30Hz 8bit 4:2:0 HDR	7m/23ft	70m/230ft	100m/328ft
3840x2160p @60Hz 10bit 4:2:0 HDR	5m/16ft	70m/230ft	100m/328ft
3840x2160p @60Hz 10bit 4:2:0	3m/10ft	70m/230ft	100m/328ft
4096x2160p @60Hz 8bit 4:2:0	7m/23ft	70m/230ft	100m/328ft
4096x2160p @60Hz 8bit 4:4:4	3m/10ft	70m/230ft	100m/328ft

Supported Standards	DCI | RGB | HDR | HDR10 | Dolby Vision up to 30Hz | HLG | BT.2020 | BT.2100
Maximum Pixel Clock	HDMI: 600MHz | HDBaseT™: 297MHz

Communication and Control

HDMI	HDCP 2.2 | EDID | CEC | DVI-D supported with adapter (not included)
HDBaseT™	HDMI | HDCP 2.2 | EDID | CEC | 1-way PoH to Receiver | Bidirectional IR
CEC	Power Triggering from Matrix | Requires CEC compatibility at Display
IR	1x IR RX 3.5mm (1/8in) TRS Stereo | 1x IR TX: 3.5mm (1/8in) TS Mono | Bidirectional over HDBaseT™
ARC (Audio Return Channel)	Supports True ARC (via HDMI) or S/PDIF optical return from display to the matrix over HDBaseT™
RS-232	1x RS-232: 3-pin Phoenix | Bidirectional over HDBaseT™

Ethernet	1x Ethernet: 8-pin RJ-45 Female | Bidirectional over HDBaseT™

Power

Power Supply	18V DC (Optional)
PoH	48V 15.4W
Max Power Consumption	12.5W

Environmental

Operating Temperature	0°C to 45°C (32°F to 113°F)
StorageTemperature	-20°C to 70°C (-4°F to 158°F)
Maximum BTU	43BTU/hr

Dimensions and Weight

Rack Units	<1U
Height With	21mm/0.83in
Width With	195mm/7.68in
Depth With	94.8mm/3.74in
Weight	0.4kg/0.88lbs

Regulatory

Safety and Emission	CE | FCC | RoHS | RCM