

SPECIFICATIONS

Audio and Video

Inputs	1x HDMI In: 19-pin HDMI Type A 1x VGA In: 15-pin DE-15 Female 1x Audio In: 3.5mm (1/8in) TRS Stereo (VGA only)
Outputs	1x 8-pin RJ-45 (Transmission to RX)
Audio Formats	2ch LPCM Multichannel: LPCM Up to 7.1 and Up to DTS:X and Dolby Atmos (HDMI Only)
Output Video Decoding	JPEG 2000
Decoding Data Rate	Max: 850Mb/s
End to End Latency (Max)	1 video frame latency (pass-through mode) 16ms @60fps 2 video frames latency (scaler/VW mode) 33ms @60fps

HDMI Input

1280x720p @50/59.94/60Hz 12bit
4:4:4/RGB
1920x1080i @29.97/30Hz 12bit
4:4:4/RGB
1920x1080p
@23.98/24/25/29.97/30/50/59.94/60Hz
12bit 4:4:4/RGB
3840x2160p
@23.98/24/25/29.97/30Hz 10/12bit
4:2:2/4:2:0 HDR10 HLG
3840x2160p
@23.98/24/25/29.97/30Hz 8bit
4:4:4/RGB
3840x2160p @50/59.94/60Hz 8bit
4:2:0
720x480p @59.94/60Hz 12bit
4:4:4/RGB
720x576p @50Hz 12bit 4:4:4/RGB
60fps Progressive 4:4:4/RGB:
640x480 | 800x600 | 1024x768 |
1280x800 | 1280x960 | 1280x1024 |
1360x768 | 1366x768 | 1400x1050 |
1440x900 | 1600x1200 | 1680x1050 |
1920x1200

VGA Input

RGB @60Hz Progressive: 640x480 |
800x600 | 1024x768 | 1280x720 |
1280x768 | 1280x800 | 1280x960 |
1280x1024 | 1360x768 | 1366x768 |
1400x1050 | 1440x900 | 1600x900 |
1600x1200 | 1680x1250 | 1920x1080 |
1920x1200

Passthrough mode:

Output at RX matches input at TX except for:
1) YUV 4:2:0 converted to 8bit RGB
2) For resolutions above 1920x1200 at 50/60Hz framerate is halved

Scaler mode:

User-selectable scaled output
1) All formats converted to 8bit RGB
2) Up to 3840x2160p @30Hz

Video Resolutions (Max)

Supported	HDR10 HLG BT.2020 BT.709 3D Video
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Standards

3D	HDMI 1.4b 3D: TnB, SbS, F.P
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Maximum Pixel Clock	300MHz
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Communication and Control

HDMI	HDCP 2.2
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Ethernet	1x LAN (PoE): 8-pin RJ-45 ANSI/TIA-568 8P8C, 1000Base-T, PoE PD (IEEE 802.3af)
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USB	1x USB Host: USB Type B
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RS-232	1x RS-232: 3.5mm (1/8in) TRS Stereo 2 Way
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Power

Power Supply	12V DC
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PoE	IEEE 802.3af (15.4W at PSE)
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Max Power Consumption	5.7W (with PSU)
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Environmental

Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
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Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
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Maximum BTU	19.45 BTU/hr
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Dimensions & Weight

Rack Units/Wall Box	2-gang US J-Box
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Height	107.2mm/4.2in (without decorative plate)
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Width	91mm/3.6in (without decorative plate)
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Depth	45.5mm/1.8in (without decorative plate)
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Weight	0.37kg/0.81lbs
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Regulatory

Safety and Emission	CE FCC RCM RoHS
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