

HDMI-TPN-RX107AU2K

General	
Compliance	UL, CE
Electrical safety	IEC/EN/UL/CSA 62368-1:2014, Class II
EMC (emission)	IEC/EN 55032:2015
EMC (immunity)	IEC/EN 55035:2017
RoHS	EN 63000:2018
Warranty	3 years
Operating temperature	0° to +50°C (+32° to +122°F)
Storage temperature	-30° to +80°C (-22° to +176°F)
Operating humidity	10% to 90%, non-condensing
Cooling	passive
Power	
Power supply option	Power adaptor / PoE
Supported power source	
Power consumption (max)	TBD
Power consumption (min)	
Heat dissipation	TBD
AC power connector	
AC fuse	
Power over Ethernet (PoE)	via TPN input (IEEE802.3af) (can receive power)
Power adaptor	
Supported power source	100-240 V AC; 50/60 Hz
Supplied power	12V DC, 2A
AC power plug	Interchangeable (EU, UK, JP/US, AUS/NZ)
DC power plug	Locking DC connector (2.1/5.5 mm pin)
Enclosure	
Rack mountable	No
Enclosure material	1 mm steel
Dimensions in mm	100.4 W x 151.8 D x 26 H
Dimensions in inch	3.95 W x 5.98 D x 1.02 H
Weight	TBD kg
TPN input	
Connector type	RJ45 connector
Power over Ethernet (PoE)	IEEE 802.3af (PD)
Compliance	SDVoE
HDCP compliance	HDCP2.3
Transferred signals	Video, Audio, RS-232, Infrared, Ethernet
Color space	RGB, YCbCr
Video delay	0 frame
Supported resolutions at 8 bits/color *	up to 4096x2048@60Hz (4:4:4)

	up to 3840x2160@60Hz (4:4:4)
	4096x2048@60Hz (4:2:2) up to 10 bits/color
Audio formats	All HDMI 2.0 formats including multi-channel PCM, Dolby True-HD and DTS-HD master audio
Video Outputs	
HDMI output	
Connector type	19-pole HDMI Type A receptacle
A/V standard	DVI 1.0, HDMI 1.4, HDMI 2.0
HDCP compliance	HDCP 2.3
Color space	RGB, YCbCr
Supported resolutions at 8 bits/color *	up to 4096x2048@60Hz (4:4:4)
	up to 3840x2160@60Hz (4:4:4)
	4096x2048@60Hz (4:2:2) up to 10 bits/color
Audio formats	All HDMI 2.0 formats including multi-channel PCM, Dolby True-HD and DTS-HD master audio
Analog audio output	
Connector type	5-pole Phoenix connector
Audio formats	2-ch PCM
Sampling frequency	48 kHz
Volume	-78 dB - 0 dB
Balance	0 - 100 (50 = center)
Nominal Differential Output Level @ 0 dB Gain	+4 dBu
Nominal Differential Output Level @ 3 dB Gain	+7 dBu
USB port	
Connector type	2x USB-A female (device, composite mode)
USB compliance	USB2.0
Device class	HID
Powering	Max 0.325A@5V (total)
USB port	
Connector type	4x USB-A female (device, transparent mode)
USB compliance	USB2.0
Device class	Audio, Video, Mass Storage, HID, HUB, Smart Card, Vendor specific
Powering	Max 1.08A@5V (per port), Max 1.75A@5V (total)
Control Ports	
RS-232 serial port	
Connector type	3-pole Phoenix connector
Baud rates	Between 4800 and 115200 Baud
Data bits	8 or 9
Parity	None / Odd / Even
Stop bits	1 / 1.5 / 2



Ethernet port	
Connector type	RJ45 female connector (2)
Ethernet data rate	10/100/1000Base-T, full duplex with autodetect
Power over Ethernet (PoE)	No

