

4. Specifications

Technical	TX	RX
Role of usage	Transmitter [TX]	Receiver [RX]
HDMI compliance	HDMI Deep Color, full 3D & 4K2K@60 4:2:0 8bit	
HDCP compliance	Yes	
Video bandwidth	Single-link 340MHz [10.2Gbps]	
Video support	480i / 480p / 720p / 1080i / 1080p60 / 4K2K@60 4:2:0 8bit	
HDMI over UTP	1080p@60 100m (330ft) [CAT 5e] 4K2K@60 (4:2:0 8bit) 80m (264ft) [CAT 5e]	
Audio support	Surround sound [up to 7.1ch] or stereo digital audio	
Equalization	Auto	
Input TMDs signal	1.2 Volts [peak-to-peak]	
Input DDC signal	5 Volts [peak-to-peak, TTL]	
ESD protection	Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge]	
PCB stack-up	6-layer board [impedance control — differential 100Ω; single 50Ω]	
IR pass-thru	Bi-directional	
RS-232 support	Yes	
USB support	USB2.0	
PoC support	Either on TX or RX	
Input	1x HDMI/2x 3.5mm	1x RJ-45(Video)/1x 3.5mm
Output	1x RJ-45(Video)/1x 3.5mm/1x SPDIF	1x HDMI/2x 3.5mm/1x SPDIF
In / Out	1x RS-232/2x USB/2x RJ-45 (Ethernet)	1x RS-232/2x USB/2x RJ-45(Ethernet)
HDMI source control	Controllable via IR pass-through from RX to TX or TX to RX with IR extenders	
HDMI connector	Type A [19-pin female]	
RJ-45 connector	WE/SS 8P8C(Reverse Mode)	
USB connector	Type A & Type mini-USB	
3.5mm connector	IR receiver / IR blaster / Stereo	IR receiver / IR blaster / Stereo

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Mechanical		TX	RX
Housing		Metal enclosure	
Dimensions [L x D x H]	Model	140 x 92 x 28mm [5.5" x 3.6" x 1.1"]	140 x 92 x 28mm [5.5" x 3.6" x 1.1"]
	Package	263 x 170 x 97mm [10.3" x 6.7" x 3.8"]	
	Carton	512 x 364 x 288mm [1'7" x 1.2' x 11.3"]	
Weight	Model		
	Package	650g [22.9oz]	
Fixedness		Wall-mounting case with screws	
Power supply		24V1A	
Power consumption		Max 12W	
Operation temperature		0-50°C	
Storage temperature		-20~60°C [-4~140°F]	
Relative humidity		20~90% RH [no condensation]	