

MODEL		CATS-HDMI-MX4	
<b>Technical</b>		<b>CATS-HDMI-MX4</b>	
<b>Role of Usage</b>		<b>True 4x4 Matrix Switcher Transmitter (TX)</b>	
<b>HDMI Compliance</b>		HDMI 1.3	
<b>HDMI Compliance</b>		Yes	
<b>Video Bandwidth</b>		Single-link 225Mhz [6.75Gps]	
<b>Video Support</b>		480i / 480p / 720p / 1080i / 1080p60 36 bit color	
<b>Audio Support</b>		Surround sound (up to 7.1ch) or stereo digital audio	
<b>HDMI over CAT5 Transmission Range</b>		Full HD (1080p): 35m (115ft) [CAT5e] / 40m (130ft) [CAT6] HD (720p/1080i): 50m (165ft) [CAT5e] / 55m (180ft) [CAT6]	
<b>HDMI Equalization</b>		N/A	8-level digital rotary control
<b>Input TMDS signal</b>		1.2 Volts [peak-to-peak]	
<b>Input DDC signal</b>		5 Volts [peak-to-peak, TTL]	
<b>ESD Protection</b>		[1] Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge], [2] Core chipset — ±8kV	
<b>PCB Stack-up</b>		4-layer board [impedance control — differential 100?; single 50?]	
<b>Input</b>		4 x HDMI, 1 x RS-232	1 x RJ-45 TMDS, 1 x RJ-45DDC, 1 x IR socket for IR receiver
<b>Output</b>		4 x RJ-45 TMDS, 4 x RJ-45 DDC, 5 x IR socket for IR blaster	1 x HDMI
<b>HDMI Input Selection</b>		Push-in button/IR remote control/RS-232 control	Push-in button / IR remote control
<b>HDMI Source Control</b>		Controllable via IR pass-through from IR receiver at RX to IR blaster at TX	
<b>IR remote control</b>		Electro-optical characteristics: = 25 / Carrier frequency: 38kHz	
<b>HDMI connector</b>		Type A [19-pin female]	
<b>RJ-45 connector</b>		WE/SS 8P8C with 2 LED indicators	
<b>RS-232 connector</b>		DE-9 [9-pin D-sub female]	
<b>3.5mm connector</b>		Earphone jack for IR blaster [IR Main] IR control on all source devices [IR1~IR4] IR control on individual source device	Earphone jack for IR receiver [IR] Receives IR commands from remote control
<b>DIP switch [CATS-HDMI-MX4 only]</b>		[SW1~SW4] 2-pin for EDID and audio setting modes [SW Main] 4-pin operation mode & firmware update	
<b>Enclosure</b>		Metal	
<b>Dimensions (L x W x H)</b>	<b>Model</b>	110 x 340 x 44mm [4.3"x1'1"x1.7"]	90x 85 x 25mm [3.5"x3.3"x1"]
	<b>Package</b>	230 x 545 x 110mm [9.1" x 1'10" x 4.3"]	
	<b>Carton</b>	580 x 570 x 260mm [1'11"x1'11"x10.2"]	
<b>Weight</b>	<b>Model</b>	1220g [2.7 lbs]	180g [6.3 oz]
	<b>Package</b>	3.2 kg [7.0 lbs]	
<b>Mounting Options</b>		1U rack-mount with ears Wall hanging holes	Wall mount
<b>Power Supply</b>		5V 6A DC	Not necessarily required1
<b>Power consumption</b>		20 Watts [max]	1 Watt [max] (provided by CATS-HDMI-MX4)
<b>Operation Temperature</b>		0~40C [32~104F]	
<b>Storage Temperature</b>		-20~60C [-4~140F]	
<b>Relative humidity</b>		20~90% RH [no condensation]	
<b>Package Contents</b>		1x CATS-HDMI-MX4, 1x IR blaster2, 2x Rack-mounting ear, 1x IR remote control2, 1x User Guide 4x CATS-HDMI-Rx4, 4x IR receiver, 8x Wall-mounting screws, 1x 5V 6A in-line power adapter, 1x C5-type power cord	