

MODEL		CATS-HDMI-MX4	
Technical		CATS-HDMI-MX4	CATS-HDMI-RX4
Role of Usage		True 4x4 Matrix Switcher Transmitter (TX)	Receiver (RX)
HDMI Compliance		HDMI 1.3	
HDMI Compliance		Yes	
Video Bandwidth		Single-link 225Mhz [6.75Gps]	
Video Support		480i / 480p / 720p / 1080i / 1080p60 36 bit color	
Audio Support		Surround sound (up to 7.1ch) or stereo digital audio	
HDMI over CAT5 Transmission Range		Full HD (1080p): 35m (115ft) [CAT5e] / 40m (130ft) [CAT6] HD (720p/1080i): 50m (165ft) [CAT5e] / 55m (180ft) [CAT6]	
HDMI Equalization		N/A	8-level digital rotary control
Input TMDs signal		1.2 Volts [peak-to-peak]	
Input DDC signal		5 Volts [peak-to-peak, TTL]	
ESD Protection		[1] Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge], [2] Core chipset — ±8kV	
PCB Stack-up		4-layer board [impedance control — differential 100?; single 50?]	
Input		4 x HDMI, 1 x RS-232	1 x RJ-45 TMDs, 1 x RJ-45DDC, 1 x IR socket for IR receiver
Output		4 x RJ-45 TMDs, 4 x RJ-45 DDC, 5 x IR socket for IR blaster	1 x HDMI
HDMI Input Selection		Push-in button/IR remote control/RS-232 control	Push-in button / IR remote control
HDMI Source Control		Controllable via IR pass-through from IR receiver at RX to IR blaster at TX	
IR remote control		Electro-optical characteristics: = 25 / Carrier frequency: 38kHz	
HDMI connector		Type A [19-pin female]	
RJ-45 connector		WE/SS 8P8C with 2 LED indicators	
RS-232 connector		DE-9 [9-pin D-sub female]	
3.5mm connector		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
DIP switch [CATS-HDMI-MX4 only]		[SW1~SW4] 2-pin for EDID and audio setting modes [SW Main] 4-pin operation mode & firmware update	
Enclosure		Metal	
Dimensions (L x W x H)	Model	110 x 340 x 44mm [4.3"x1'1"x1.7"]	90x 85 x 25mm [3.5"x3.3"x1"]
	Package	230 x 545 x 110mm [9.1" x 1'10" x 4.3"]	
	Carton	580 x 570 x 260mm [1'11"x1'11"x10.2"]	
Weight	Model	1220g [2.7 lbs]	180g [6.3 oz]
	Package	3.2 kg [7.0 lbs]	
Mounting Options		1U rack-mount with ears Wall hanging holes	Wall mount
Power Supply		5V 6A DC	Not necessarily required1
Power consumption		20 Watts [max]	1 Watt [max] (provided by CATS-HDMI-MX4)
Operation Temperature		0~40C [32~104F]	
Storage Temperature		-20~60C [-4~140F]	
Relative humidity		20~90% RH [no condensation]	
Package Contents		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	