

The **HDES-100m** is a super HDMI over CAT5e Splitter with extension feature. This unique solution can extend the Full HD 1080p up to 100 meters over a single CAT5e cable. It also supports Daisy Chain and Tree Chain to connect one AV source with up to 100 pcs of HDTV displays.

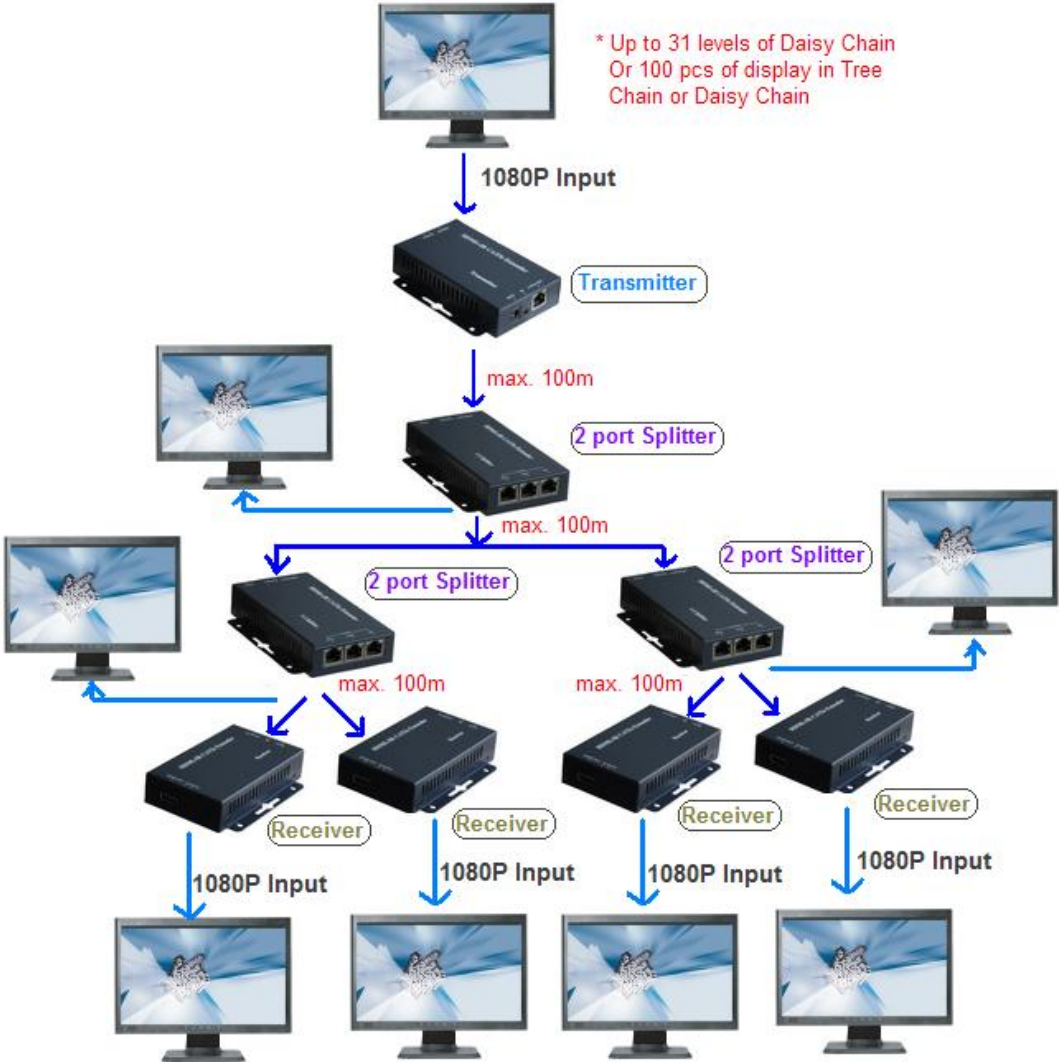
Applications examples:

1. HDMI Extender :

- a. Point to point: It allows users to extend HDMI signal up to 100m
- b. Daisy Chain: It allows users to extend HDMI signal up to 100m for each level




2. HDMI Splitter :

- a. Point to point: It allows users to split HDMI signal to 2 displays up to 100m
- b. Daisy Chain: It allows users to split HDMI signal to 100 displays up to 100m for each level



*** Support DVI-D with HDMI-to-DVI adapter cable**

~ Specifications ~

Model		Transmitter	Receiver	1-2 Splitter
Product Image				
Video Spec	Max. Resolution	1920x1200@60Hz	1920x1200@60Hz	1920x1200@60Hz
	Support Format	VESA/CVT/HDTV Timing Spec Customize Timing maybe added		
	Compression Algorithm	[Patented] Visually Lossless Compression Algorithm		
	Compression Ratio	x4~x5		
	Latency Time	< 1 fps (~=16.7ms)		Depending on level of chaining
	HDMI Port	1 Source Input	1 Display Output	1 Display Output
Audio Spec	Support Format	<ul style="list-style-type: none"> . Compressed/Uncompressed I2S Audio . Multi-channel up to 7.1 Audio Channel . Supported Audio Format: Dolby Digital/EX/Plus. Dolby True HD. DTS/ES/HD Master. PCM 2ch~7.1ch 		<ul style="list-style-type: none"> . 2 Channel Stereo Audio up to 192KHz
Extension Spec	Cable Medium	CAT5e or above		
	Cable Distance	Point to Point: 100 meters		100 meters each level
	Ethernet Input Port	X	1	1
	Ethernet Output Port	1	X	2
Daisy/Tree Chain Spec	Tree Chain Configuration	1-1 Client can be used in daisy/tree chain at any end node		. Suggested under 100 displays
	Daisy Chain Configuration	1-1 Client can be used in daisy/tree chain at any end node		. Maximum Supported depth: 31
Other Spec	IR over CAT5e	Universal IR over CAT5e		X
	Power Requirement	Each PCB is powered by DC5V/1.5A with power consumption less than 5 watts.		
	Size	7x11.5x2.7(h)cm	7x11.5x2.7(h)cm	7x12.9x2.7(h)cm
	Model No.	HDES-100m-TX	HDES-100m-RX	HDES-100m-SP