VideoSplitter HDMI CATx

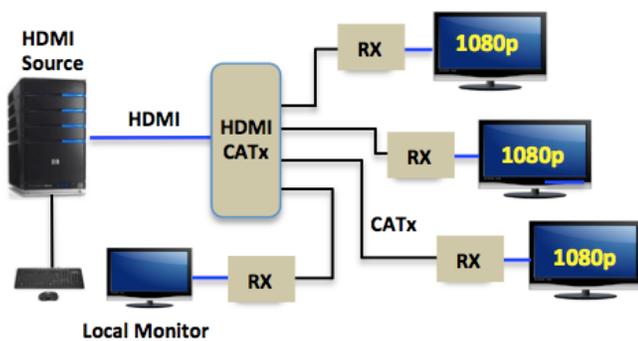## HDMI SPLITTER WITH CATX EXTENDER

► Distribute a single HDMI video signal to 4 or 8 HDMI displays over CATx cable

► Supports HDMI 1.2 video up to 1080p

► Distributes the HDMI signal to receiver modules, over 165ft (50meters) of CATx cable

► The 4/8 port transmitter unit and receiver modules are provided as a complete package

► Supports uncompressed audio such as LPCM

Features and Benefits

■ Extends high speed 1080p HDMI video signals up to 165ft (50meters)

■ Uses a single CATx UTP cable for each connected display

■ Supports 165Mhz/1.65Gbps bandwidth per channel

■ Supports 8-bit per channel deep color to 24-bit for all channels

■ Gold plated HDMI connectors

■ Easy to install, just plug-in, connect the cables and start using – no set up, no software, no switch settings.

4 port VideoSplitter HDMI CATx with CATx extension

Product Overview

The VideoSplitter HDMI CATx is available as a transmitter chassis with either 4 or 8 receivers packaged as a kit, and is the perfect solution for distributing an HDMI video signal to multiple HDMI displays in different locations.
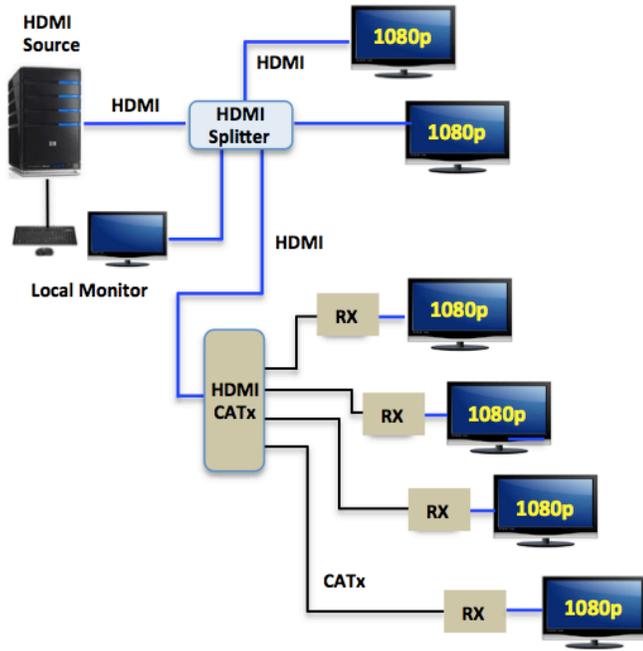
The transmitter unit takes a single HDMI source signal and splits it into 4 or 8 output channels. Each channel connects to a receiver unit over a regular CATx UTP solid core cable up to 165ft (50 meters). The receiver unit converts the signal back to HDMI for output to the display.

The HDMI transmitter unit connects to the HDMI video source via a direct HDMI compliant cable. An HDMI display is connected to each receiver unit. The receiver units can be located adjacent to each other as with a control desk or video wall application, or they can be located in different positions, as with teaching applications, digital signage, retail displays.

This versatile VideoSplitter HDMI CATx can also be used for HDTV hotel signage, exhibition displays, STB, DVD and projector applications.

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Typical Application

When combined with an HDMI video splitter, the VideoSplitter HDMI CATx can be used to extend up to 8 or 16 additional monitors away from the main display area.

VideoSplitter HDMI CATx and HDMI VideoSplitter combined

Operation   To operate the product, simply connect the video source to the VideoSplitter HDMI CATx and connect the receiver units using suitable CATx cable. Power up the displays, then the receiver and transmitter units, followed by the video source.

4 port VideoSplitter HDMI CATx

8 port VideoSplitter HDMI CATx

Specifications

Dimensions (W x D x H)	4 port: 10.7 × 7.5 × 2.0" (272×195×46mm) 8 port: 17.5 × 8.25 × 2.5 (445×209×63mm) RX unit: 4.0 × 2.5 × 1.0" (102×64×25mm)
Weight	4 port: 2.86 lbs (1.3Kg) 8 port: 4.9 lbs (2.2Kg) RX unit: 0.85 lbs (0.38g)
Power	100-240 VAC, 50-60Hz, +5VDC 4A Transmitter unit: 5V/4A Receiver unit: 5V/2A
Video resolutions supported	480i (SD), 480p, 576i, 576p, 720p, 1080i, 1080p Maximum resolution is 1920×1080p HDMI1.2
Video bandwidth	Up to 1.65Gbps/165MHz
Video color	Supports 8-bit per channel (24-bit all channels), deep color
Digital audio	Supports uncompressed LPCM
CATx cable type	CAT5e or CAT6, UTP, solid core
CATx distance	Up to 165ft, (50 meters)
Connectors	Output: 4 or 8 × HDMI Type A Input: 1 × HDMI Type A 1 × DC power jack
Environment	Operating temp: 32°F − 158°F (0°C − 70°C) Storage temp: 14°F − 176°F (-10°C − 80°C) Rel. humidity: 10% to 85% non-condensing
Approvals	FCC Part 15, UL, CE, RoHS

Part numbers

VSK-1×4 HDTP	4 port VideoSplitter HDMI CATx
VSK-1×8 HDTP	8 port VideoSplitter HDMI CATx
CAB-HDMIMM006	HDMI male to male cable, 6ft (2.0m)
CAB-HDMIMM010	HDMI male to male cable, 10ft (3.0m)

Receiver   unit front panel

Receiver unit rear panel