



The **SP-5028 2x8 HDMI over Single CAT5 Cascading Matrix Switcher** allows you to distribute one of the two HDMI/DVI video sources up to 8 separate HDTV displays including one remotely cascade output via Cat-5 cost effective cable. This splitter offers the most flexible solution by which the high definition video and high quality audio can be transmitted to different local locations thru HDMI cables and also to the next stage over a long distance without degrading the quality. The cascade ability allows pure digital video and audio broadcast station by station and therefore make extending HDMI compliant video and audio anywhere feasible.

Features

- ❏ HDMI 1.3a compliant
- ❏ HDCP compliant
- ❏ HDMI video distribution to up to 7 displays and one CAT5(e) Receiver
- ❏ Allows cascading
- ❏ Regenerates the HDMI signal
- ❏ Supports default HDMI EDID and record the EDID of displays
- ❏ Up to 60m (200ft) at 1080i and 40m (130ft) at 1080p through Cat-5 cables
- ❏ Input up to 15m (50ft) using HDMI cables
- ❏ Outputs up to 15m (50ft) using HDMI cables
- ❏ Easy installation

Note: The length depends on the characteristics and quality of the cables. Higher resolutions and longer transmission distances require low skew cables (<25ns/100m) for best performance. Shielded CAT6 with metal RJ-45 connectors is recommended

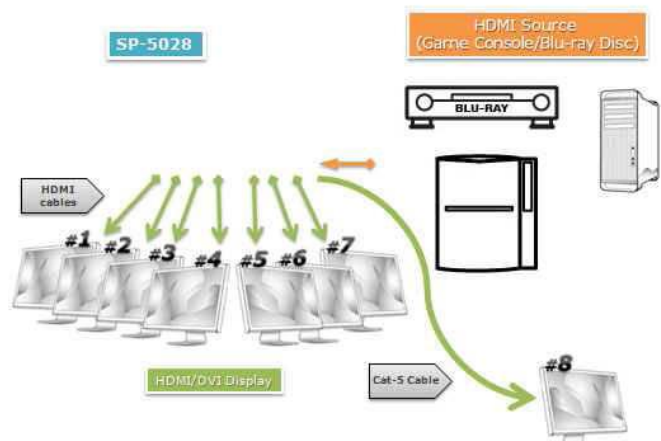
HDMI over Single CAT5 Receiver



CV-715



CV-715s



Specifications

Model Name	SP-5028	CV-715	CV-715s
Role of usage	2x8 distribution amplifier Transmitter [TX]	Receiver [long range RX]	Receiver [short range RX]
HDMI compliance	HDMI 1.3c		
HDCP compliance	Yes		
Video bandwidth	Single-link 340MHz [10.2Gbps]		
Video support	480i / 480p / 720p / 1080i / 1080p60		
Transmission	Full HD (1080p) – 40m (130ft) [CAT5e] / 50m (165ft) [CAT6] HD (720p/1080i) – 50m (165ft) [CAT5e] / 60m (200ft) [CAT6]		
Audio support	Surround sound (up to 7.1ch) or stereo digital audio		
Equalization	8-level digital	None	
Input TMDS signal	1.2 Volts [peak-to-peak]		
Input DDC signal	5 Volts [peak-to-peak, TTL]		
ESD protection [SP-5028 / CV-715]	[1] Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge] [2] Core chipset — ±8kV		
PCB stack-up	4-layer board [impedance control — differential 100Ω; single 50Ω]		
Input	1x HDMI 1x RJ-45	1x RJ-45	1x RJ-45
Output	7x HDMI 1x RJ-45	1x HDMI	1x HDMI
HDMI connector	Type A [19-pin female]	Type A [19-pin female]	Type A [19-pin male]
RJ-45 connector	WE/SS 8P8C with 2 LED indicators		
DIP switch	2-pin DIP	None	None

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