

ATEN HDMI Professional AV Solution helps Chain Store Flexibly Build Digital Signage System for Advertising Purposes



Overview: Chain Store

A chain store installed several large-sized HDMI TVs for displaying commercials in several shops varying in scale. The chain store utilized ATEN professional audio/video extension solutions to deliver HDMI TV advertisements to multiple TVs; the audio signals of the TV advertisements were extracted and sent to an audio broadcasting system at the arcade.

Solution

Large-scale Shop:



VS1804T/VS1808T

4/8-Port HDMI Over Cat 5 Splitter



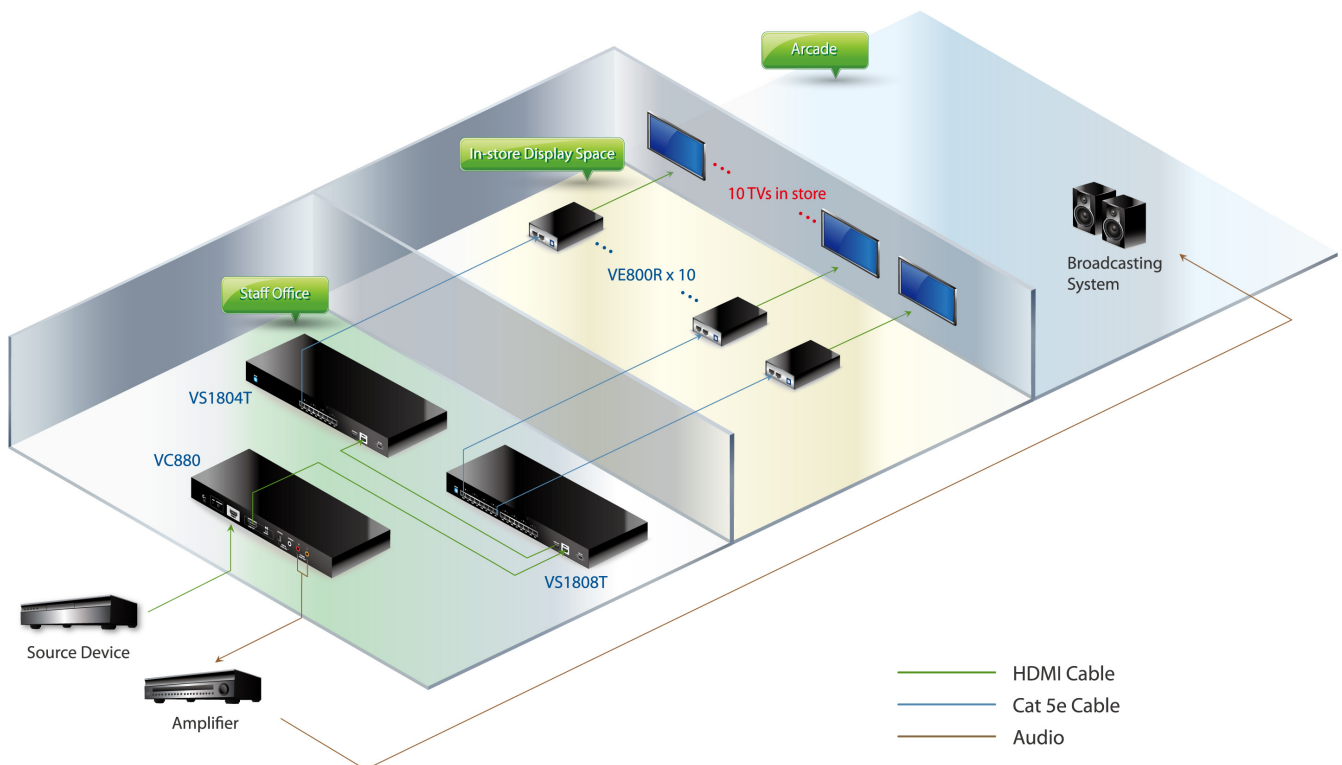
VE800R

HDMI Receiver



VC880

HDMI Repeater Plus Audio De-embedder



Small-scale Shop:



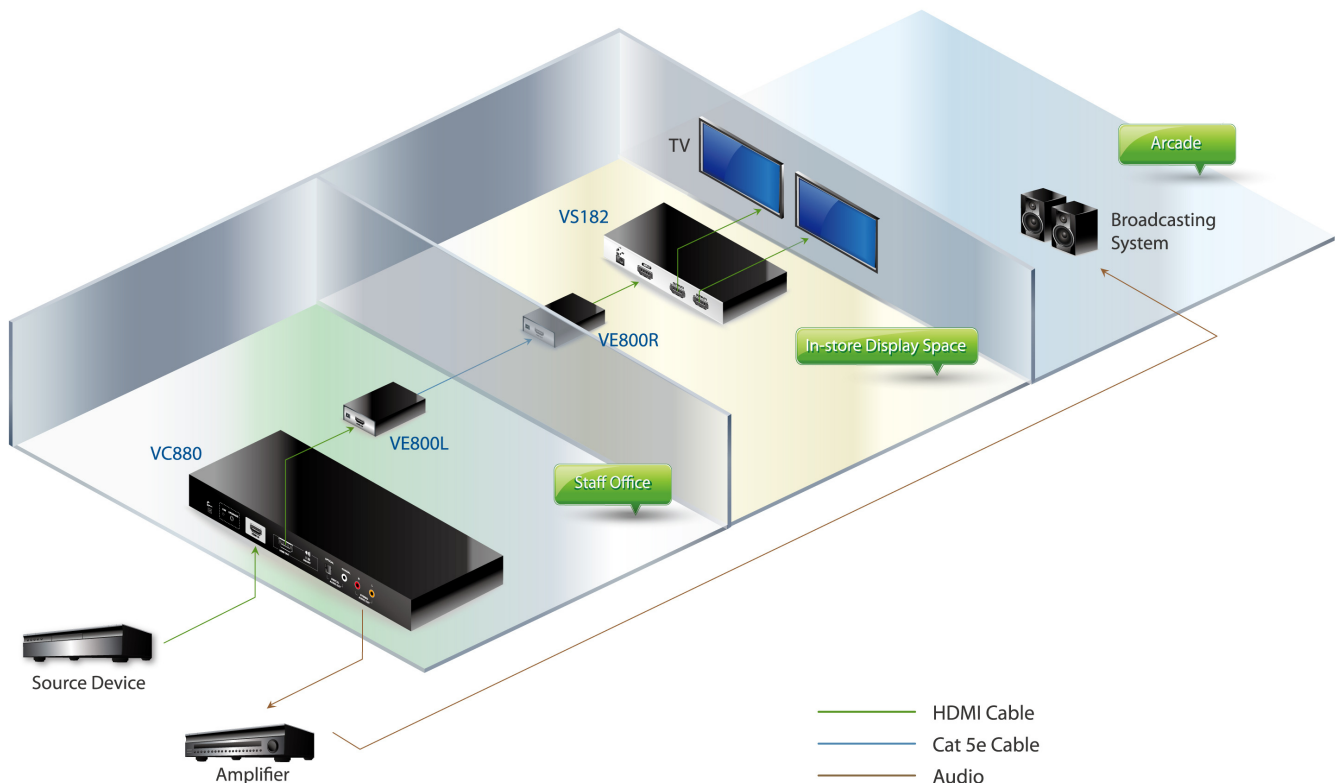
VS182
2-Port HDMI Splitter



VE800
HDMI Extender



VC880
HDMI Repeater Plus Audio De-embedder



Benefits

- **Deliver high-quality audio/video content to multiple displays** – ATEN HDMI splitters support high video resolution of up to 1080p as well as 3D effects, and allow a single HDMI source to be transmitted to multiple TVs
- **Support long distance transmission** – HDMI signal can be delivered over distances of up to 60 m using a Cat 5e cable via an HDMI extender
- **Extracts audio signal from HDMI input** – ATEN VC880 is able to extract audio signals from the HDMI content and repeat the converted signal through an amplifier, which allows the amplifier to deliver audio signals to the broadcasting system installed at the arcade for audio promotion
- **High compatibility** – Compatible with most HDMI devices

Features

VS1804T/VS1808T

4/8-Port HDMI Over Cat 5 Splitter



- One HDMI input to 4/8 HDMI outputs via Cat 5e cables
- Extends displays up to 60 m
- Supports HDMI (3D, Deep color)
- Supports superior video quality – HDTV resolutions of 480p, 720p, 1080i and 1080p (1920 x 1080)
- Offers local HDMI output
- HDCP compatible
- Consumer Electronics Control (CEC) allows interconnected HDMI devices to communicate and respond to one remote control
- Cascadable to three levels
- EDID mode selection
- Rack-mountable

Rear View

➤ **VS1808T****VE800**

HDMI Extender



- Uses less expensive Cat 5e cables to connect the local and the remote units
- Extend 1080p by 40 m; extend 1080i (HDTV) by 60 m
- Superior video quality – 1920 x 1200 @ 60Hz , up to 1080p
- HDMI (3D, Deep Color)
- DDC compatible
- HDCP 1.1 compatible
- 8 segment equalization adjustment switch optimizes display quality
- Supports Dolby True HD and DTS HD Master Audio
- Supports IR signals for remote control
- Either the HDMI device or display can be controlled via IR control
- Non-Powered (only require one power adapter)

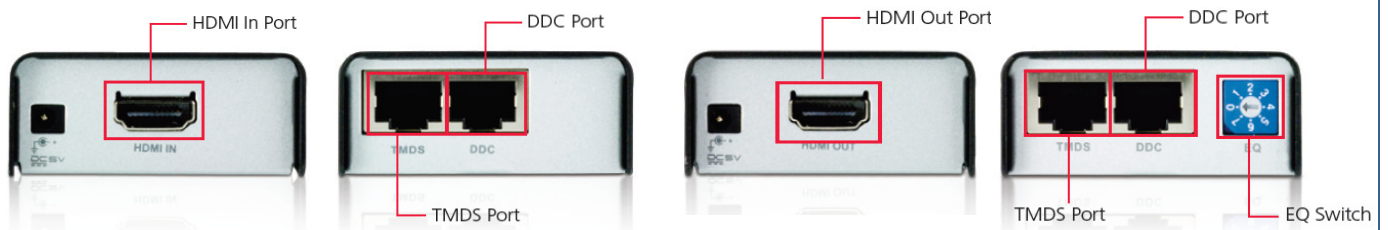
➤ **VE800L Local Unit**➤ **VE800R Remote Unit**

Front View

Rear View

Front View

Rear View



VS182/VS184

2/4-Port HDMI Splitter



- Connects one HDMI AV source to 2/4 HDMI displays at the same time
- Superior video quality – HDTV resolution of 480p, 720p, 1080i and 1080p (1920x1080); VGA, SVGA, SXGA, UXGA (1600x1200), WUXGA (1920x1200)
- Cascadable to 3 levels - provides up to 8/64 HDMI signals; long distance transmission - 20 m (24 AWG)
- Cascade distance: Source to Device-1.8m, Device to Device-15m, Device to Display-20m
- HDMI (Deep Color)
- DDC compatible; HDCP 1.1 compatible
- Signaling rates up to 2.25Gbits in support of 1080p display
- Plug-and-play - no software installation required

Rear View

➤ VS184



VC880

HDMI Repeater Plus Audio De-embedder



- Repeats HDMI input signal up to 15 meters
- Extracts HDMI audio signal and outputs as additional audio source
- Supports optical / coaxial digital audio and analog stereo audio
- Superior Video Quality – up to 1920x1080 (1080p)
- HDMI 3D
- HDCP 1.1 compatible
- CH2/CH5.1/Auto mode audio channel selection
- Supports Audio on/off switch for HDMI output
- Expandable to three levels – provides three levels of audio output for one HDMI at distance up to 45 m

Rear View

