

# ATEN HDMI Media Distribution Solution helps a university in Thailand provide an exceptional education environment



## Overview: University

A university in Thailand that has 55 classrooms wants to upgrade their video broadcasting system from analog to HDMI to offer its students an improved educational experience. In addition to recording and saving teaching videos using an HDMI camera and video conferencing system in each classroom, they need HDMI signal distribution devices that meet the following requirements:

1. Transmit one HDMI source to multiple HDMI displays
2. Extend the signal transmission distance
3. Be compatible with the current video conferencing system

## Solution

## HDMI Media Distribution Solution



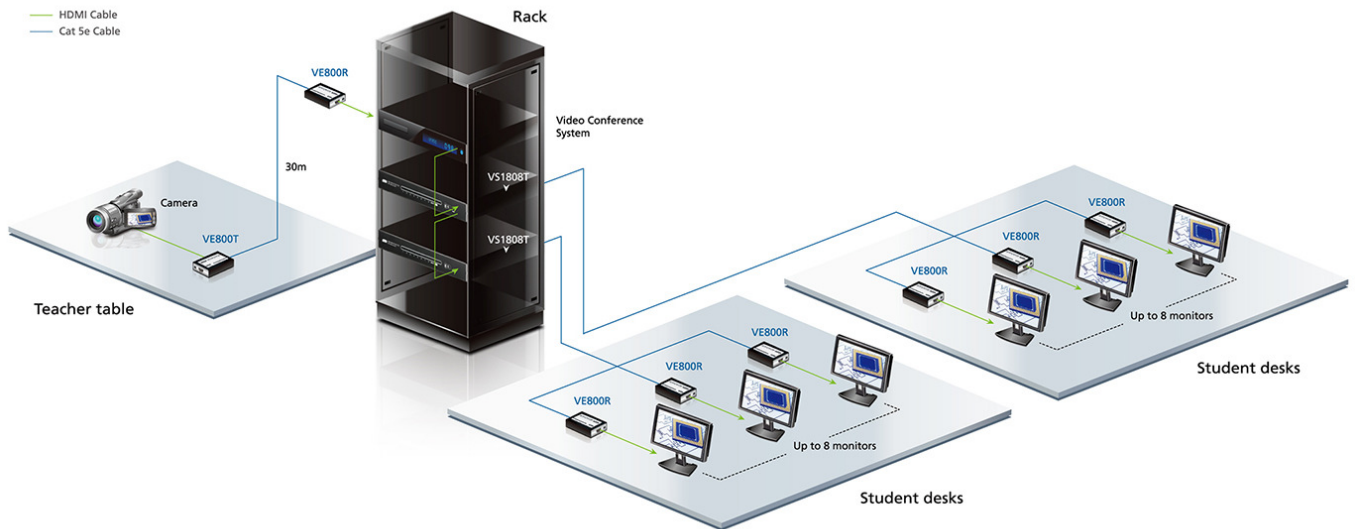
**VS1808T x 120**  
8-Port HDMI Over Cat 5 Splitter



**VE800R x 490**  
HDMI Receiver



**VE800 x 90**  
HDMI Extender



## Benefits

- **Cost Effective** – The HDMI Media Distribution Solution, comprising an HDMI Over Cat 5 Splitter and HDMI Receivers, provides a quick and easy way to deliver HDCP and HDMI content from one source to 16 displays with no need to purchase any other connecting devices
- **Long Distance Transmission** – The VE800 HDMI Extender uses Cat 5e cable to extend the distance between the HDMI camera and the video conferencing system by up to 60 meters
- **Cat 5e Cabling** – saves space, installation time, and costs
- **Superior A/V Quality** – HDTV video resolutions of up to 1080p; HDMI video resolutions of up to 1920 x 1200

Features

**VS1808T**  
8-Port HDMI Over Cat 5  
Splitter



- One HDMI input to 8 HDMI outputs via Cat 5e cables
- Extends the distance to the displays by 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



**VE800**  
HDMI Extender



- Extends the distance between HDMI source and HDMI display
- Uses Cat 5e cable to achieve long distance transmission
- 8 segment equalization adjustment switch
- Extend 1080p by 40m; extend 1080i (HDTV) by 60m
- Superior video quality – 1920 x 1200, up to 1080p
- HDMI (3D, Deep Color)
- Supports Dolby True HD and DTS HD Master Audio
- DDC compatible
- HDCP 1.1 Compatible
- Compatible with all ATEN HDMI switches and splitters

➤ **VE800L Local Unit**

➤ **VE800R Remote Unit**

Front View

Rear View

Front View

Rear View

