

# ATEN Professional AV Solution Helps Provide an Exceptional Prayer Environment for a University in Malaysia



## Overview: University

A university in Malaysia wants to construct a new mosque on campus for its students' prayer times. The university installs a digital signage system in the mosque to broadcast religious programs. In addition, the university also needs a A/V extension solution to satisfy the following requirements:

1. Transmit audio/video content from a laptop to multiple displays
2. Provide an extended signal transmission distance
3. Be compatible with their existing digital system and be easy to switch among multiple signal sources

## Solution



**VS1204T x 1**  
4-Port A/V Over Cat 5 Splitter



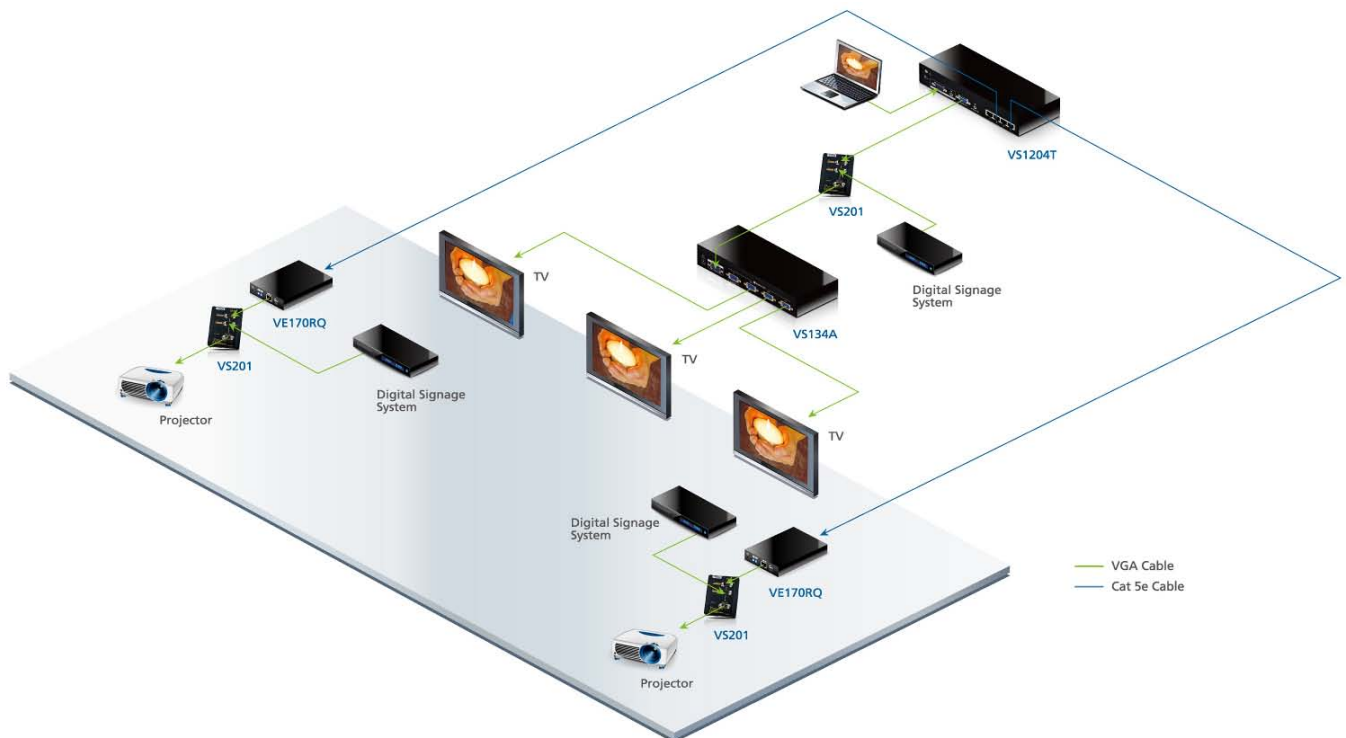
**VE170RQ x 2**  
A/V Over Cat 5 Receiver



**VS134A x 1**  
4-Port Video Splitter



**VS201 x 3**  
2-Port Video Switch



## Benefits

- **Multiple display support** – transmits A/V signals to projectors and LCD monitors from a source laptop
- **Long distance transmission** – uses Cat 5e cable to connect VS1204T transmitters and VE170RQ receivers to extend the signal transmission distance by up to 300 m
- **Superior A/V Quality** – provides crisp, clear video images (up to 1920x1200)
- **Easy Switching** – when the laptop gets connected to the digital signage system, the VS201 automatically detects it and switches to the incoming source

Features

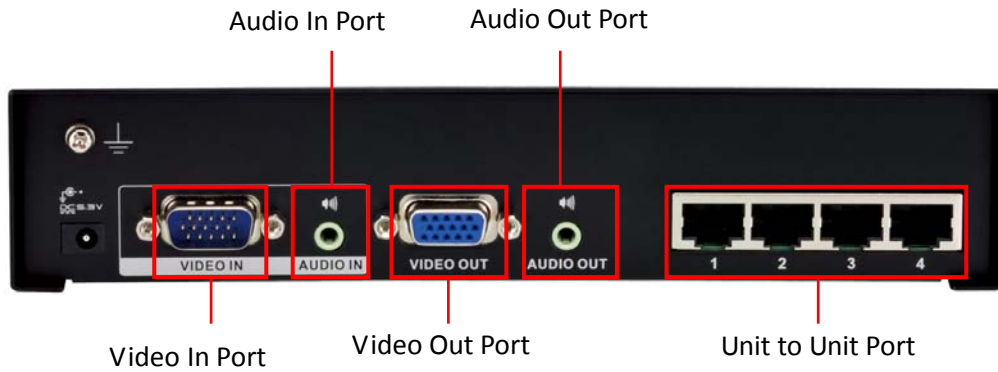
**VS1204T**

4-Port A/V Over Cat 5 Splitter



- One audio/video input to 4 audio/video outputs via Cat 5e cable
- Supports local display + 4 remote displays
- Supports up to 225 MHz bandwidth
- Uses Cat 5e cable to extend the display distance by up to 300 m
- Superior video quality – up to 1920 x 1200@60Hz
- Audio enabled (mono)
- Built-in 8KV/15KV ESD protection
- Rack-mountable

Rear View



**VE170RQ**

A/V Over Cat 5 Receiver



- Uses Cat 5e cable to connect the transmitter and receiver units
- Supports one local and one remote display
- Long distance transmission of up to 300 m
- Deskew Function - allows time delay synchronization of the of RGB signals to compensate for distance
- Superior video quality - 1920x1200 @ 60Hz (150 m);1280x1024 @ 60Hz (300 m)
- Audio enabled (mono)
- Adjustable gain/compensation control
- Built-in 8KV/15KV ESD protection
- Rack-mountable

Front View



Rear View



**VS134A**

## 4-Port Video Splitter



- One video input to 4 video outputs
- Supports up to 450 MHz bandwidth
- Cascadable to 3 levels - provides up to 64 video signals
- Long distance transmission - up to 65m
- Superior video quality - up to 2048 x 1536
- Supports VGA, XGA, SVGA, UXGA, QXGA, WUXGA and multisync monitors
- Built in 1.5 GHz amplifier to ensure excellent video fidelity
- All-metal casing

## Rear View

**VS201**

## 2-Port Video Switch



- Displays the video output of two computers on a single monitor or projector
- Automatic incoming signal selection (Auto)
- Quick and easy switching via slide switch
- Long distance transmission – up to 65 m
- Superior video quality – up to 1920 x 1440
- Supports VGA, XGA, SVGA, UXGA and multisync monitors

