# English School in Macau Installs ATEN MDS Solution for More Efficient Teaching System

## Overview: English School

The English School in Macau provides many classrooms located at various floors from G to 11. To provide the best learning environment, each classroom is equipped with two LCD TVs for displaying teaching content. Therefore, the school needs a A/V distribution solution meeting the following requirements:

- Deliver HD video from the control room to the 2 LCD TVs installed in every classroom
- HD signal extension throughout different floors (from G to 11)
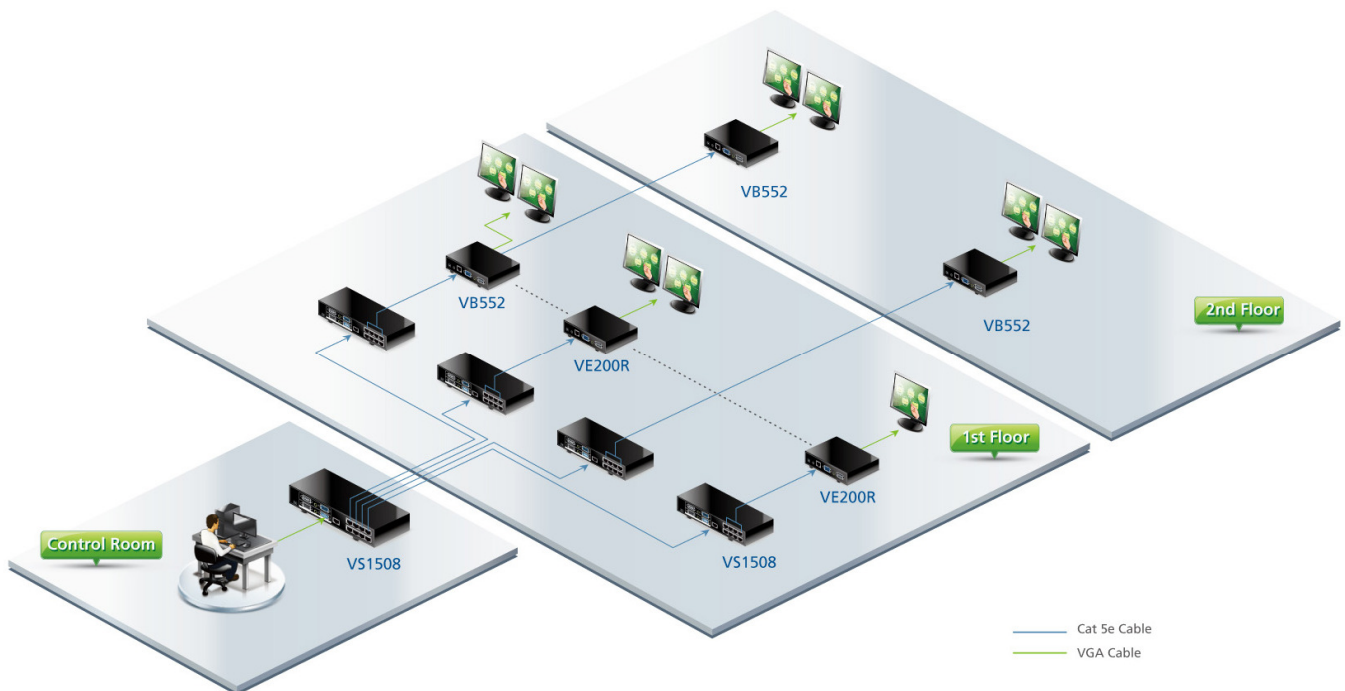
## Solution    Advanced Media Distribution Solution

**VS1508**
8-Port Cat 5 Audio/Video Splitter

**VB552**
VGA Over Cat 5 Repeater+Audio

**VE200R**
Audio/Video Receiver



2nd Floor
1st Floor
Control Room

VB552
VB552
VB552
VE200R
VE200R
VS1508
VS1508

Cat 5e Cable
VGA Cable

## Benefits

- **Exceptional video quality** - Broadcast crystal-clear teaching content to all the students in the school

- **Long distance transmission** - The Media Distribution Solution can extend the video source in the control room to multiple displays at various floors using Cat 5e cables

- **Cost saving** - VB552 and VE200R support dual A/V output to increase the number of displays with less connections and receiver units
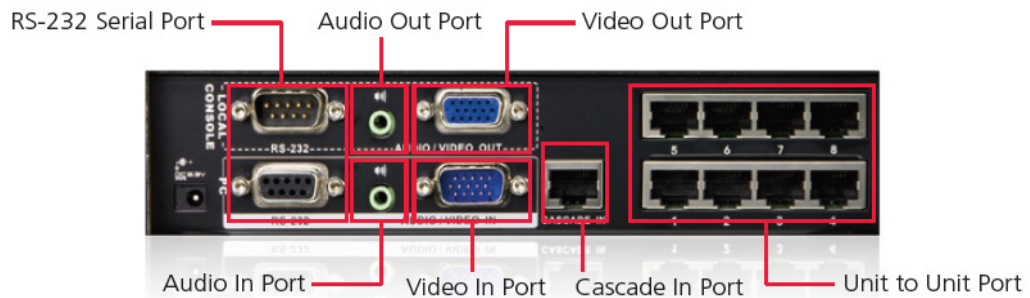
## Features

### VS1508
8-Port Cat 5 A/V Splitter

- One video input to 8 video outputs
- Cascadable to three levels - provides up to thousands of video signals when combined in an installation with ATEN receiving devices
- Audio and serial enabled
- Uses Cat 5e (or higher) cable to extend displays up to 150 m, 450 m when combined with ATEN receiving devices
- High quality video - supports 1920 x 1200 @ 60Hz
- Group screens off/on function
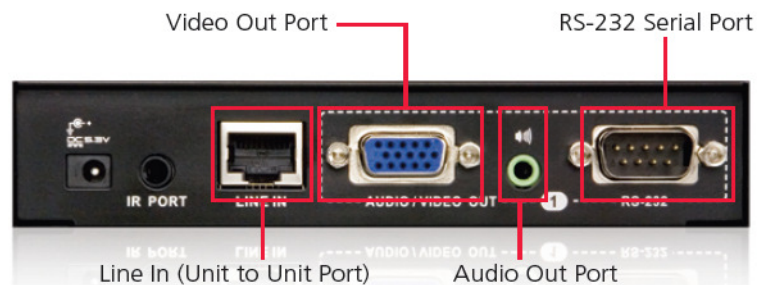- Provide a RS-232 channel for selection

Rear View

RS-232 Serial Port          Audio Out Port          Video Out Port

Audio In Port          Video In Port          Cascade In Port          Unit to Unit Port

### VB552
VGA Over Cat 5 Repeater

- Uses Cat 5e cable to extend audio/video signal
- Extends the transmission range an extra 150m
- High-quality video - up to 1920x1200@60Hz at 30m, 1600x1200@60Hz at 150m, 1280x1024@60Hz at 200m
- Audio and serial enabled
- Two gain control modes for sharpest picture quality
- Video gain and compensation adjustable via OSD
- IR receiver for quick and easy video quality adjustment
- IR remote control for screen on/off and video adjustment at remote site
- Provide a RS-232 channel for selection
- Follows VESA FDMI mount standard
- Supports DDC for the local monitor
- Supports VGA, SVGA, XGA, SXGA, UXGA and multisync monitors
- For use in combination with VS1504/VS1508 Audio/Video splitter
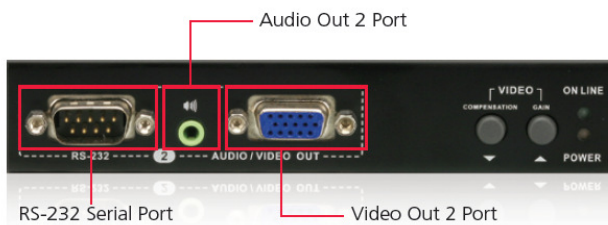
Rear View

Video Out Port          RS-232 Serial Port

Line In (Unit to Unit Port)          Audio Out Port

## VE200R
### Audio/Video Receiver

- Uses Cat 5e cable to connect the local and the remote units
- Dual Audio/video
- Supports one local and two remote displays
- Transmission distance up to 200 m
- High-quality video – up to 1920x1200@60Hz at 30 m, 1600x1200@60Hz at 150 m, 1280x1024@60Hz at 200 m
- Audio and serial enabled
- Two gain control modes for sharpest picture quality
- Video gain and compensation adjustable via OSD
- IR receiver for quick and easy video quality adjustment
- IR remote control for screen on/off and video adjustment at remote site
- Provide a RS-232 channel for selection**
- Follows VESA FDMI mount standard
- Supports DDC for the local monitor
- Supports VGA, SVGA, XGA, SXGA, UXGA, WUXGA and multisync monitors

**Front View**

Audio Out 2 Port

RS-232 Serial Port

Video Out 2 Port

**Rear View**

Video Out 1 Port

RS-232 Serial Port

Unit to Unit Port

Audio Out 1 Port

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