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 an 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

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
### Case Study: 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

### 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

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*Image: Diagram showing the rear view of VS1508 and VB552 with port labels.*
Case Study

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

Rear View

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