



Media Distribution by ATEN Seamless Switch™ & HDBaseT™ Video Solutions



Worship

Case Study

Oaks Baptist Church

USA

The image shows the interior of a church sanctuary. In the background, three large projectors are mounted on the wall, each displaying a 'WELCOME' message with a decorative banner and floral motifs. The sanctuary is filled with rows of brown upholstered chairs. A person is visible at a piano on the left side of the stage area. A large blue circle is overlaid on the right side of the image, containing the text 'About Oaks Baptist Church'. A large green circle is overlaid on the left side of the image, containing a paragraph of text.

About Oaks Baptist Church

Located in Grand Prairie, Texas, the Oaks Baptist Church was looking to update their aging video switching system and projectors in their Sanctuary. They needed a system that would be effective, functional, and reliable for many years to come, with the option to further expand the system to meet future requirements.



Requirements

- Easy to install and manage
- Control projectors remotely from the control deck
- High-quality video transmission and no effect on video flow while switching



Benefits

- **Ease of installation**

After installing the switch and a quick upgrade to the firmware of the receivers, the signal flow immediately picked up and was displayed on the outputting projector.

- **Functionality, control, and ease of management**

With the Web GUI interface it was an easy process to turn on the Seamless Switch™ function, monitor and adjust the input and output resolutions, and control and manage the switch, while with the connection of the bi-directional IR ports on the VM3909H, all three front of house projectors are now programmed to turn on/off with the press of one button.

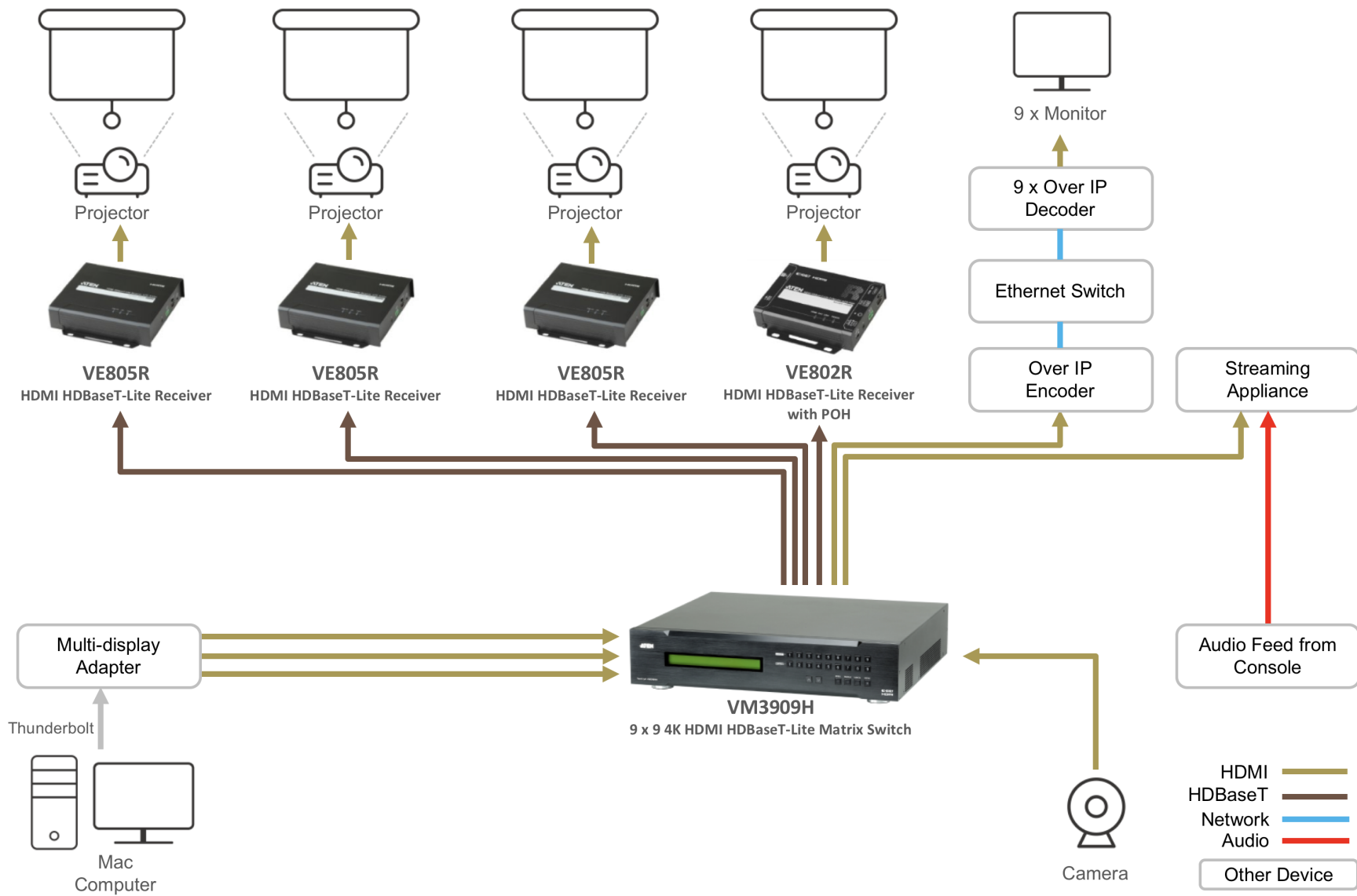
- **Seamless Switch™ and HDBaseT™ connectivity**

Close-to-zero second switching speed – When the matrix output button on the front panel is selected, the video signal change on the selected outputting projector end is almost immediate, while HDBaseT connectivity ensures effortless video and projector control.

- **Future system expansion**

ATEN's VM3909H has the additional inputs and outputs that will allow the church to add additional sources or output to new display end points in the future.

Connection Diagram



Products

VM3909H

9 x 9 4K HDMI HDBaseT-Lite Matrix Switch

- Up to 4096 x 2160
- HDBaseT Anti-jamming and POH
- Seamless Switch™, EDID Expert™, Video Wall
- Bi-directional IR Channel



VE805R

HDMI HDBaseT-Lite Receiver with Scaler (1080p@70m)

- HDCP 1.4
- Video Wall with Scaler, Seamless Switch™
- HDBaseT Anti-jamming
- Bi-directional RS-232, IR Channel



VE802R

HDMI HDBaseT-Lite Receiver with POH (4K@40m)

- HDCP 2.2
- HDBaseT Anti-jamming and POH
- Bi-directional RS-232, IR Channel





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