

Built Modern A/V System by ATEN's DVI Solutions to Improve Training Efficiency



Overview: K Training Command, Korea

The K Training Command is a top military training organization in Korea which has been established for over 50 years. The organization provides various training courses and education development programs for the Navy. However, the training room in the military base is too old to accommodate their current training needs. Therefore, the organization wants to renew their training facilities and look for innovative A/V installation solutions to improve their training efficiency.

Challenges

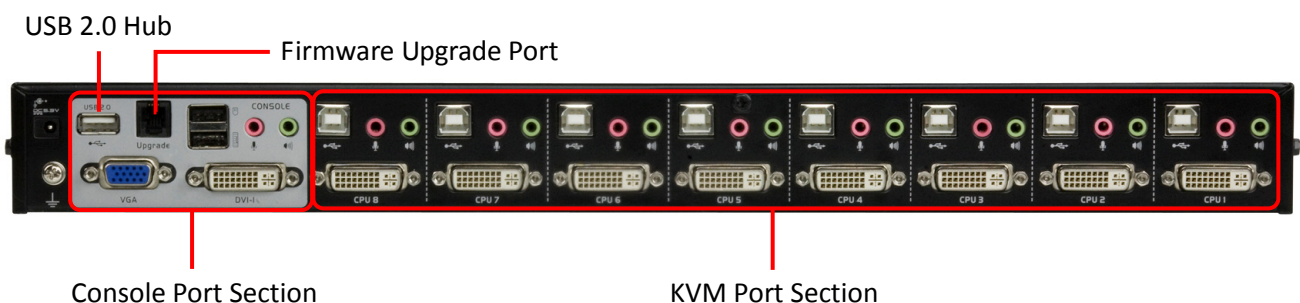
- Need a solution with high compatibility and stability to integrate with the existing A/V installation.
- Support the capability of selecting video source from different source devices and distributing the selected signal to two training rooms in real time.
- Need a solution that has the capability to accommodate future installation expansion requirements.
- Ability to remote monitor and control the video transmission status in the server room.

Solution

CS1768 x 2 8-Port USB DVI KVM Switch



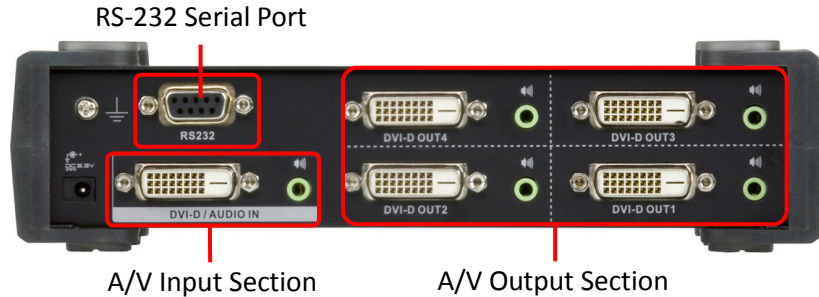
Rear View



VS174 x 11
4-Port DVI Dual Link Splitter with Audio



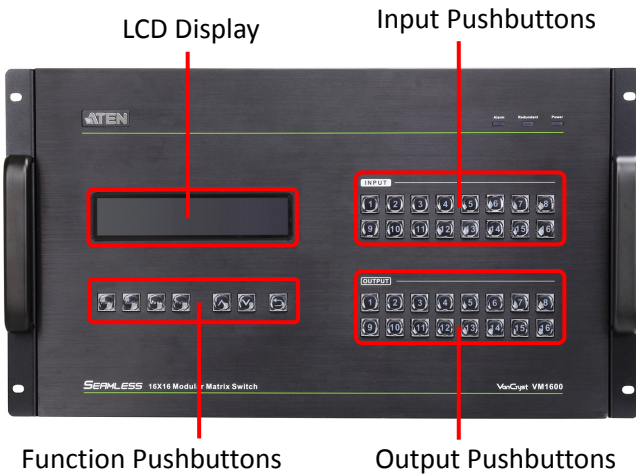
Rear View



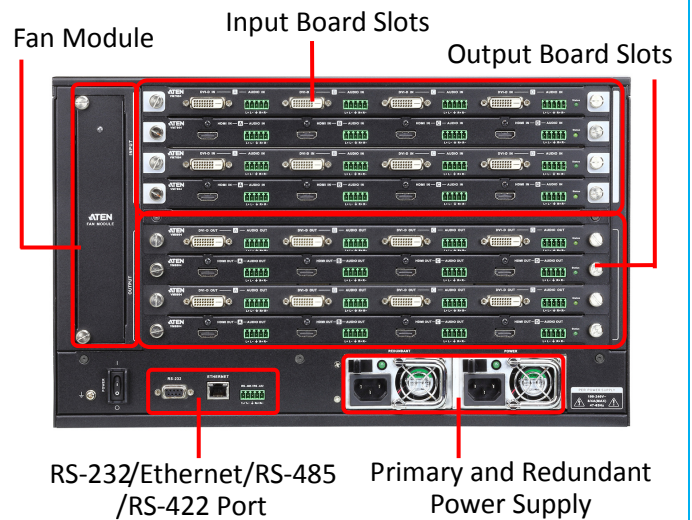
VM1600 x 2
16x16 Modular Matrix Switch
VM7604 x 6
4-Port DVI Input Board
VM8604 x 2
4-Port DVI Output Board



Front View

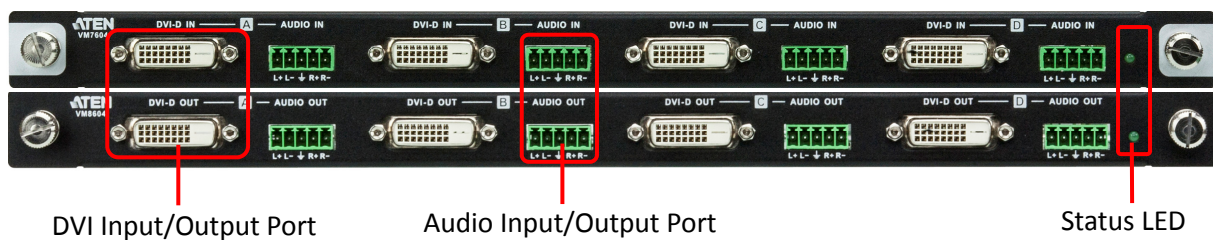


Rear View



VM7604/VM8604 DVI Input/Output Board

Front View



**VE600A x 11
DVI Extender with Audio**

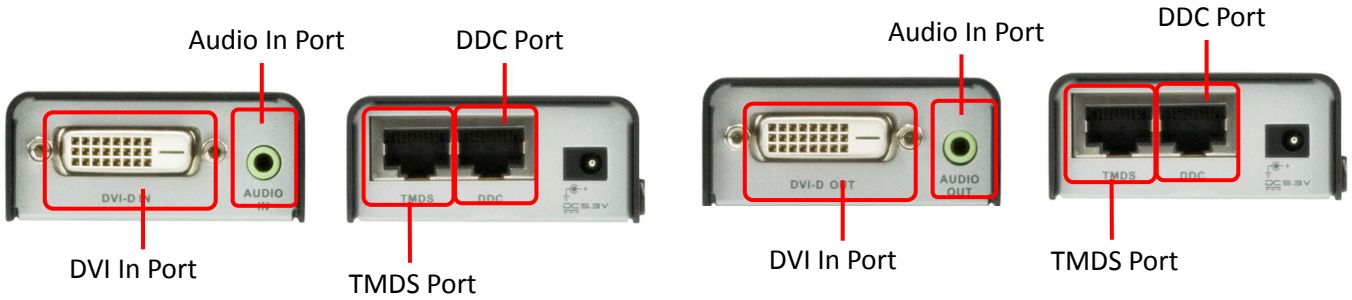


VE600AL Local Unit

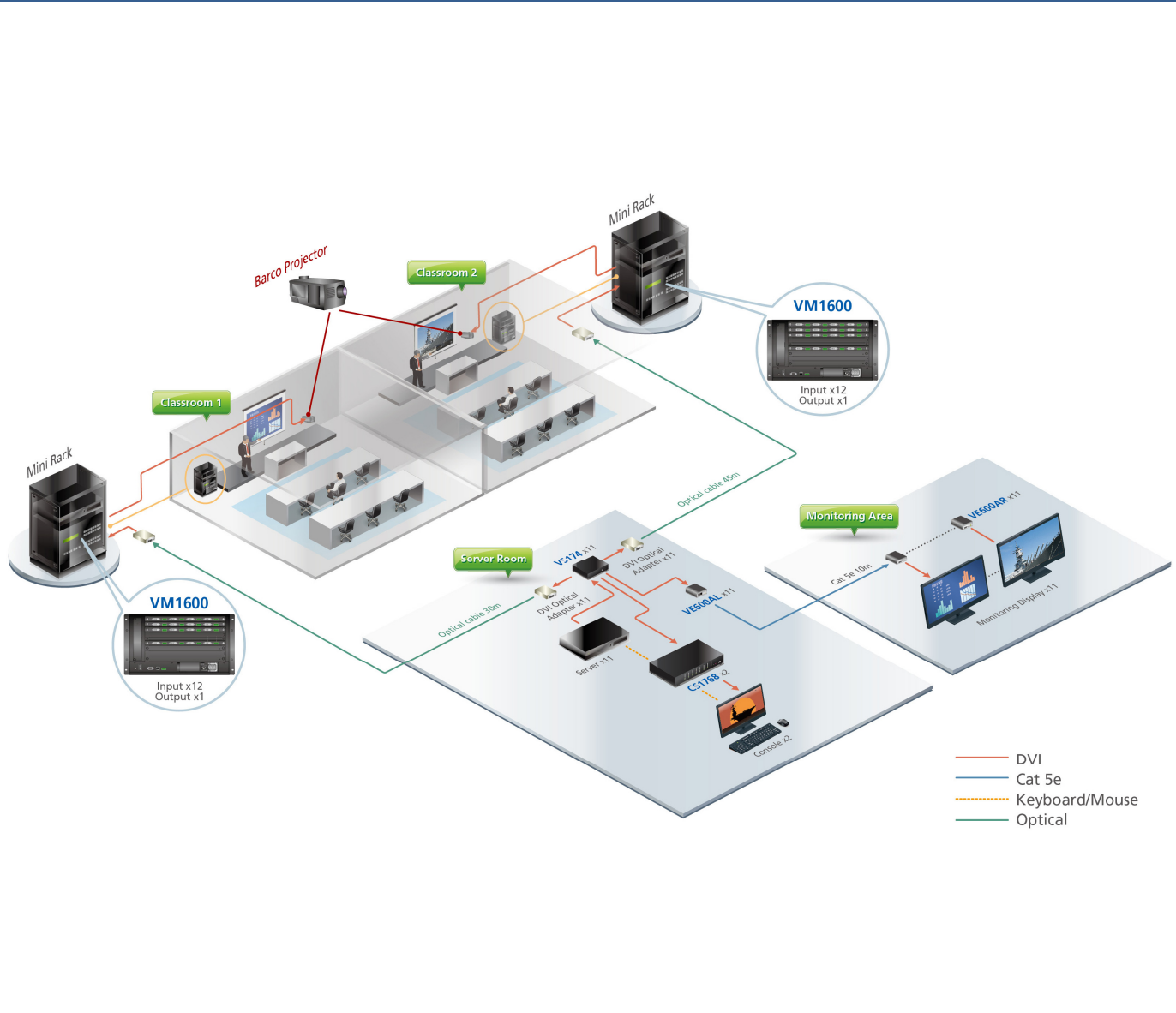
VE600AR Remote Unit

Front View

Rear View



Solution Architecture



Features & Benefits

- ATEN's DVI solutions, including CS1768-DVI KVM Switch, VS174-DVI splitter, VM1600 with DVI I/O boards and VE600A-DVI extender, can be perfectly integrated into the existing A/V training environment. **This eliminates the need for a costly signal converting process.**
- The modular matrix switch has the capability for **flexible expansion**, allowing it to accommodate the growth of training facilities. It supports up to 16 DVI inputs and 16 DVI outputs.
- With the CS1768 and VS174, the operators can select data or A/V signals from various source devices and deliver the selected content to different locations. And by adding the VE600A, the selected content can be sent over 60 m, allowing operators to **remotely monitor and control** signal transmission status in their server room.

"After introducing ATEN products, we saw great outcomes in server management and training efficiency. In particular, if you use the VM1600, there is no need to purchase additional equipment but to add modules when you need to add an additional server in the future." – Customer Feedback

