

ATEN's Quad View DVI Solution and Real-Time Transmission, Improve Hospital's Customer Service Delivery



S University Hospital, Korea

S university hospital wants to introduce ultrasonic equipment that allows patients to view high resolution images. In addition, they wish to extend the image projection and provide split screen viewing for VIP patients and guardians in real-time.

Challenges

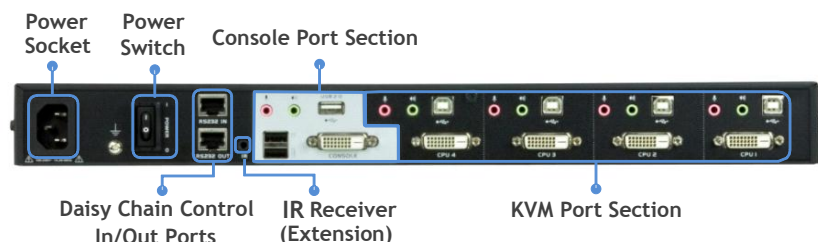
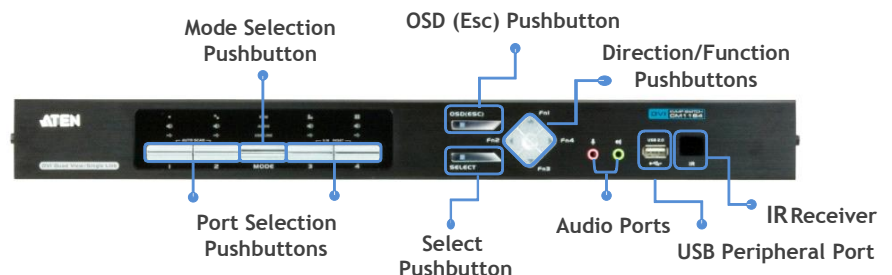
- The two treatment room screens need to be presented in **split screen mode** and non split screen mode at the treatment consulting room.
- The treatment consulting room's monitor, 20 meters away from the treatment room, should be able to see the screen in **real-time**.
- **Easy installation and control** is necessary.
- **DVI interface** needs to be supported.


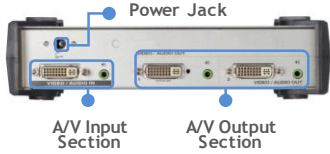
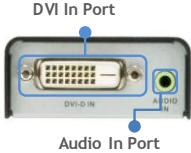
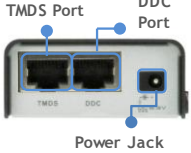
Solution

CM1164

Multi-View DVI-D KVMP™ Switch

Multiple Display Modes: Quad View, Picture in Picture (Dual, Triple or Quad) and Full Screen



VS162 2-Port DVI Video Splitter Provides video and audio input signals to 2 video and audio outputs		
VE600A DVI Extender with Audio Extender DVI display up to 60 m away using Cat 5e cables	VE600AL/VE600AR (Front) 	VE600AL/VE600AR (Rear) 

Solution Architecture



Features & Benefits

- **Variety of Display Modes** - CM1164 is used to output to the two treatment rooms' screens in quad view mode or full screen mode. CM1164 also features Picture in Picture mode (Dual, Triple or Quad), to satisfy a range of situations.
- **Easy Operation Functionality** - CM1164 can be controlled by keyboard, mouse or remote control to present real-time single screen or split screen displays in the treatment consulting room.
- **Expandable Transmission in Real-Time** - VS162 & VE600A are used to transmit video to the monitor in the treatment consulting room and the monitor in the treatment room, in real-time.
- **Easy Installation** – Cat 5e cable is used for easy and cost efficient installation.
- **No Signal Conversions** - ATEN DVI solutions CM1164, VS162, VE600A can be implemented without additional signal conversions. This helps to avoid image quality reduction during the analogue to digital signal conversion process.

"We used cheap products in the past, and there were always many malfunctions. After introducing the ATEN products, we have seen a dramatic improvement in quality and reliability. The CM1164 product allows us to easily control multiple viewing modes. It is very effective for resident training and attracting VIP customers. From now on, we will strongly recommend the use of ATEN products. Thanks." – Customer Feedback

