

Using KVM Solutions to Enhance Post-Production Efficiency

Overview: Post-Production House



Post-Production is part of film making and the audio / video production process. A post-production house creates all the commercial and promotional materials for a multimedia project. The environment requires KVM solutions in order to function as a professional multimedia facility and to provide better working conditions:

- The post-production work area is designed with bench-style workstations, each with a desktop and multiple 3U/4U high-end video processing computers installed in a rack
- Post-production engineers operate and switch between multiple computers with a broad variety of signals including keyboard/mouse, high-end video graphic cards via single-link DVI, audio and USB 2.0.
- The computers used for post-production require powerful processors using powerful fans that produce background noises and excessive heat. To create a better working environment they require a solution that extends the distance between the actual desktop work area and computers, which allows the computers to be moved to a separate computer room.

Solution

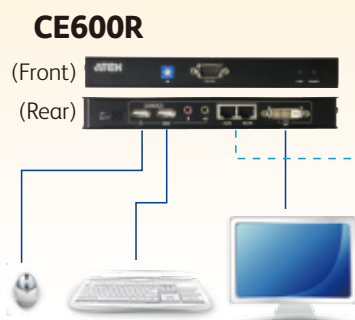


CS1768
8-Port DVI KVM Switch

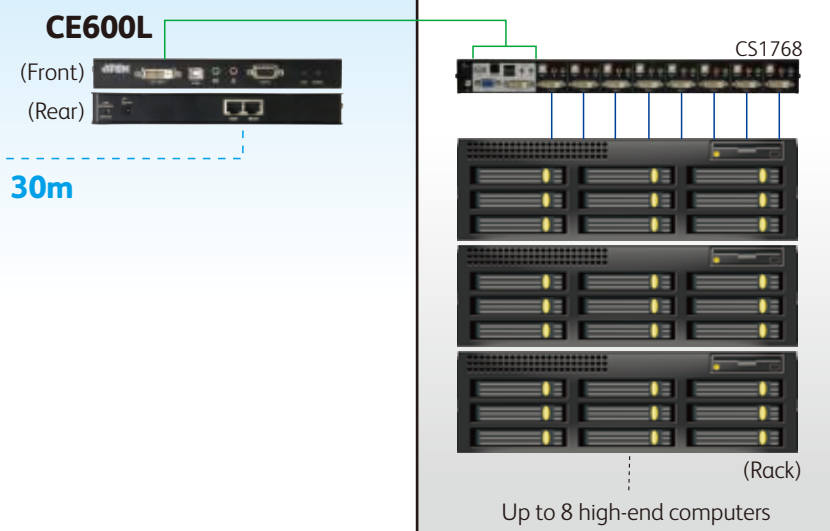


CE600
DVI KVM Extender

Post-Production Work Area



Computer Room



Benefits

- **Easy switching** - with the CS1768 DVI KVM Switch, engineers are able to operate from a console on the desktop and easily switch among multiple computers
- **Superior video quality** - 1920 x 1200 (Single Link DVI); (VGA); DDC2B
- **Better working environment** - with the CE600 DVI KVM extender, computers can be moved to a separate computer room creating a quiet and neatly arranged post-production workplace; allowing staff to work more efficiently and effectively



CS1768 8-Port USB DVI KVM Switch

- One USB console controls eight DVI or VGA computers
- Supports both digital (DVI) and analog (VGA) video- mixed operation possible
- DVI digital and analog monitor support- fully compliant with the DVI specifications; HDCP compatible
- 2-port USB2.0 built in; fully compliant with USB 2.0
- Cascadable to three levels- control up to 512 computers
- Video DynaSync™- exclusive ATEN technology eliminates boot-up display problems and optimizes resolution when switching between ports
- With speaker and microphone support

Rear View



Console Port Section

KVM Port Section

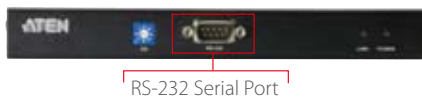


CE600 DVI KVM Extender

- Local and Remote Units connect at distances up to 60 m using Cat 5e cable
- Allows access to a computer or KVM installation from a remote console (up to 60m)
- RS-232 serial ports – connect to a serial terminal, or serial devices such as touch screens and barcode scanners (Baud Rate 115200 bps)
- Built-in 8KV/15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)
- Superior video quality of up to 1920 x 1200 @ 60 Hz at 30 m; 1024 x 768 @ 60 Hz at 60 m – get an excellent, crisp image on your screen over long distance transmissions

| CE600R | Remote Unit

Front View



RS-232 Serial Port

Rear View



USB Ports

Unit to Unit Port

| CE600L | Local Unit

Front View



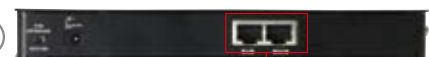
USB Type B Input

RS-232 Serial Port

DVI Port

Audio Ports

Rear View



Unit to Unit Port