



A Pulp and Paper Factory Deploys ATEN's Extenders to Effectively Monitor Production Operations

Overview

A factory in China needs to manage the progress of pulp processing in real time. The operators must be able to monitor the process at the factory site while all the servers are located away from the harsh manufacturing environment.

ATEN Solution

CE770

USB KVM Extender + Audio



- Uses Cat 5 cable to connect the local and remote units up to 300 m apart
- High resolution video – 1280 x 1024@60Hz (300 m)
- Deskew Function—automatically synchronizes the time delay of RGB signals to compensate for distance

VE170

A/V Over Cat 5 Extender

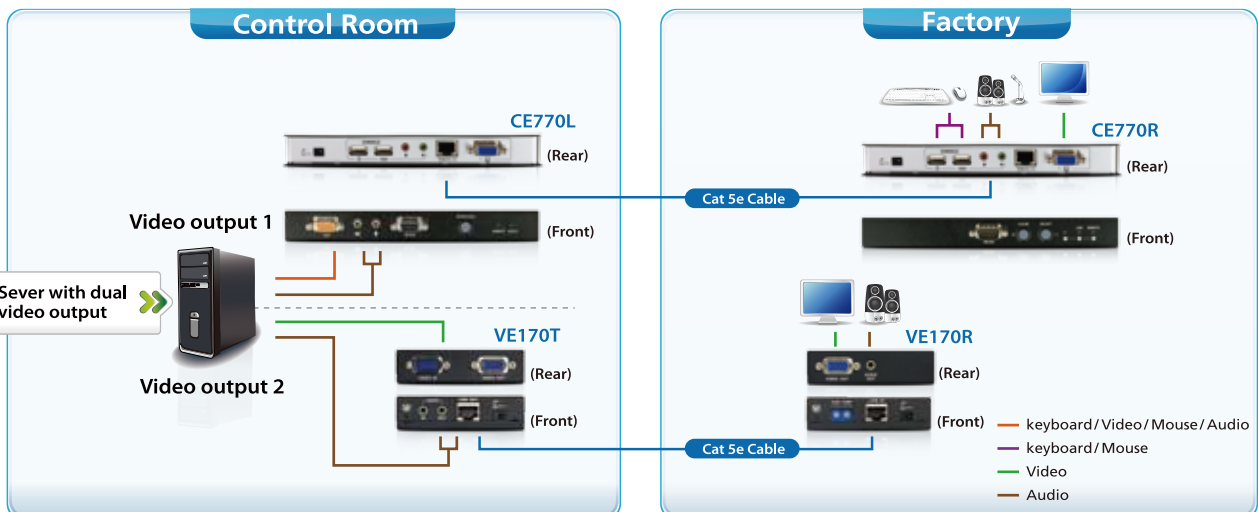


- Uses Cat 5 cable to connect the local and remote units up to 300 m apart
- Built-in 8KV/15KV ESD protection
- Superior video quality –1024x768 @ 60Hz (300 m)
- Adjustable gain/compensation control – manually adjusts signal strength to compensate for distance

Benefits

- Servers can be placed in the fully air-conditioned data center that is 300m away from the harsh environment leaving only the keyboard, monitor and mouse at the factory site for monitoring the production process
- The cost of using CE770 plus VE170 for dual video display is more economical than using dual video extenders
- ATEN extenders provide ESD and surge protection for unstable current detection and prevention
- Easy to install – no software required
- Superior video and audio quality over long distance transmission

Solution Setup



Features



CE770 USB KVM Extender + Audio

- Uses Cat 5 cable to connect the local and remote units up to 300 m apart
- Dual console operation – control your system from both the local and remote USB keyboard, monitor, and mouse consoles
- High resolution video – 1280 x 1024@60Hz (300 m)
- Deskew Function – automatically synchronizes the time delay of RGB signals to compensate for distance
- Built-in 8KV/15KV ESD protection (Contact voltage 8KV; Air voltage 15KV and 2KV surge protection)
- Hot pluggable
- Easy to install – no software required
- Audio Enabled – supports stereo speakers and microphone

CE770RQ | Remote Unit

▶ **Front View**



RS-232 Serial Port

▶ **Rear View**



Audio Ports Video Out Port
USB Console Ports Unit to Unit Port

CE770L | Local Unit

▶ **Front View**



RS-232 Serial Port
KVM Port Audio Port

▶ **Rear View**



Audio Ports Video Out Port
USB Console Ports Unit to Unit Port



VE170 A/V Over Cat 5 Extender

- Uses Cat 5 cable to connect the local and remote units up to 300 m apart
- Long distance transmission up to 300 m
- Superior video quality – 1024x768@ 60Hz (300 m)
- Adjustable gain/compensation control – manually adjusts signal strength to compensate for distance
- Built-in 8KV/15KV ESD protection
- Audio enabled (mono)

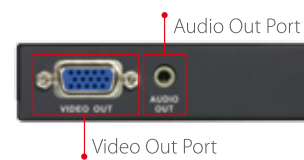
VE170R | Receiver

▶ **Front View**



Line In (Unit to Unit Port)
Manual Gain Control Tuner

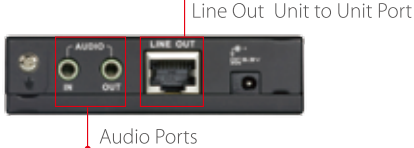
▶ **Rear View**



Audio Out Port
Video Out Port

VE170T | Transmitter

▶ **Front View**



Line Out Unit to Unit Port
Audio Ports

▶ **Rear View**



Video Out Port
Video In Port