

CE600

USB DVI Cat 5 KVM Extender (up to 1920 x 1200 @ 60 Hz)



The CE600 is a DVI and USB based KVM Extender with RS-232 serial functionality. It allows access to a computer system from a remote console (USB keyboard, monitor, and mouse). Because it allows access to a computer system from a remote console, the CE600 is perfect for use in any type of installation where you need to place the console where it is conveniently accessible, but you want the system equipment to reside in a safe location – away from the dust and dirt of the factory floor, or the harsh environmental influence of a construction site, for example. This allows users to deploy system equipment over large distances.

The CE600 users one Cat 5e cable (DVI Single Link) to support up to 1920 x 1080 video resolution.*

* 1. The 2nd Cat 5e cable is used for HDCP, RS-232, and microphone signals.

2. ATEN recommends using shielded cables, such as the ATEN [2L-2910](#) for environments that require high electromagnetic interference (EMI) protection.

Features

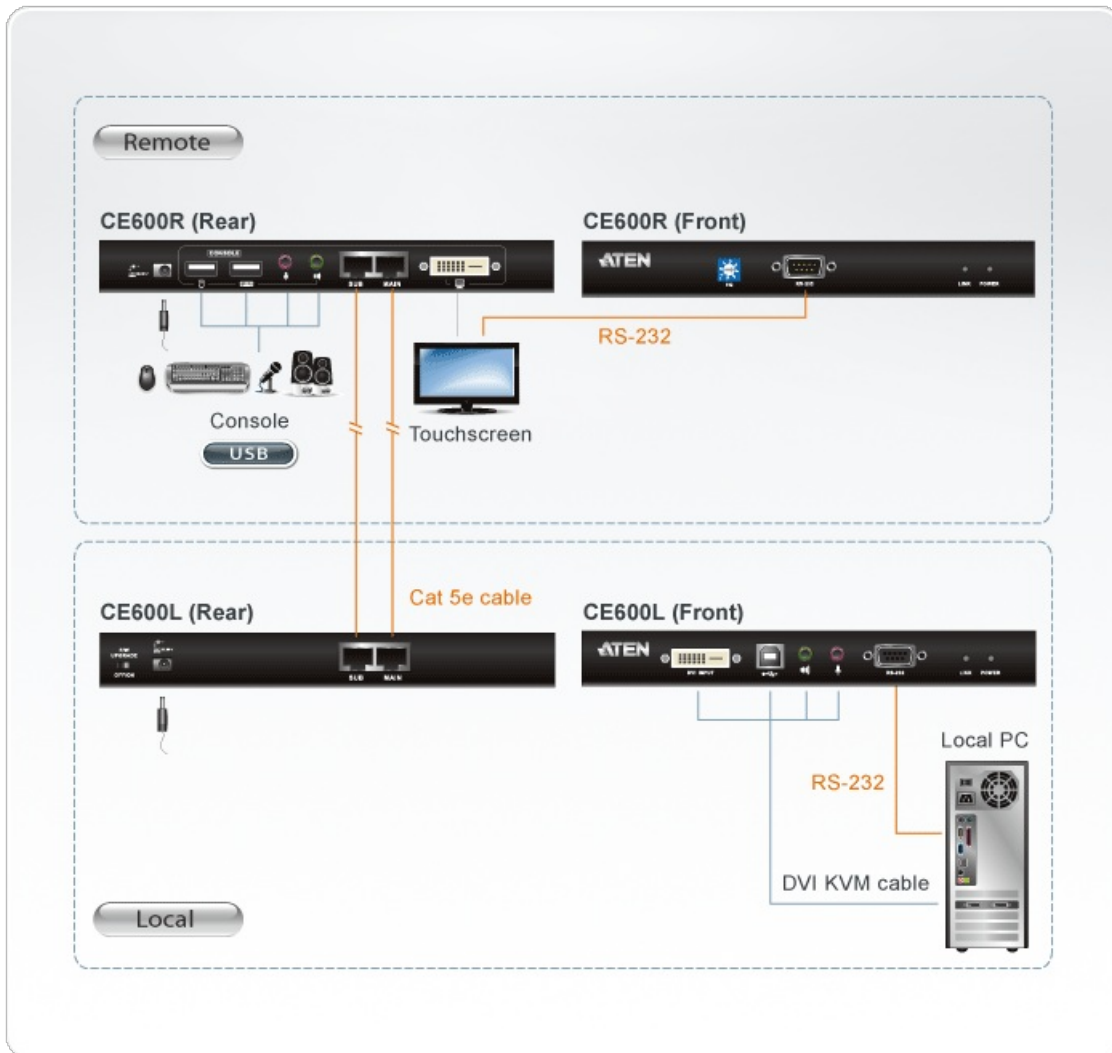
- Local and Remote Units connect at distances up to 200 feet (60 m) using Cat 5e cable
- Allows access to a computer or KVM installation from a remote console (up to 200 ft., 60 m)
- Features ATEN technology that allows A/V transmission over one cat 5e cable
- The 2nd Cat 5e cable is used for HDCP, RS-232, and microphone signals
- Manual compensation control to adjust signal strength in order to compensate for distance
- RS-232 serial ports – connect to a serial terminal, or serial devices such as touchscreens and barcode scanners (Baud Rate up to 115200 bps)
- Audio Enabled – supports stereo speakers and microphone
- Built-in 8KV/15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)
- Supports Wide Screen formats
- Superior video quality of up to 1920 x 1200 @ 60 Hz at 100 feet (30 m); 1024 x 768 @ 60 Hz at 200 feet (60 m) – get an excellent, crisp image on your screen over long distance transmissions
- Hot pluggable
- Rack mountable
- Easy to install – no software required – connecting cables to the devices is all it takes
- Firmware upgrade

Specification

| Function | CE600L | CE600R |
|---------------|--------|--|
| Connectors | | |
| Console Ports | N/A | 2 x USB Type A Female (White) 1 x DVI-D Female (White) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) |

| | | |
|------------------------|--|--|
| KVM Ports | 1 x DVI-D Female (White) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) 1 x USB Type B Female (White) | N/A |
| RS-232 | 1 x DB-9 Female (Black) | 1 x DB-9 Male (Black) |
| Power | 1 x DC Jack | 1 x DC Jack |
| Sub / Main | 2 x RJ-45 Female (Black) | 2 x RJ-45 Female (Black) |
| LEDs | | |
| Link | 1 (Green) | 1 (Green) |
| Power | 1 (Green) | 1 (Green) |
| Switches | | |
| EQ Switch | N/A | 1 x 8-position switch |
| Firmware Upgrade | 1 x Slide Switch | N/A |
| Emulation | | |
| Keyboard / Mouse | USB | USB |
| Video | 1920 x 1200 @ 60Hz (30 m); 1024 x 768 @ 60Hz (60 m); | 1920 x 1200 @ 60Hz (30 m); 1024 x 768 @ 60Hz (60 m); |
| Power Consumption | DC5.3V:1.92W:13BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. | DC5.3V:1.69W:12BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Environmental | | |
| Operating Temperature | 0–50°C | 0–50°C |
| Storage Temperature | -20–60°C | -20–60°C |
| Humidity | 0–80% RH, Non-condensing | 0–80% RH, Non-condensing |
| Physical Properties | | |
| Housing | Metal | Metal |
| Weight | 0.48 kg (1.06 lb) | 0.48 kg (1.06 lb) |
| Dimensions (L x W x H) | 20.20 x 8.54 x 2.50 cm (7.95 x 3.36 x 0.98 in.) | 20.20 x 8.50 x 2.50 cm (7.95 x 3.35 x 0.98 in.) |
| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. | |

Diagram



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