Simply Better Connections

CE750

USB VGA/Audio Cat 5 KVM Extender (1280 x 1024@200m)

The CE750 is a USB based KVM Extender with automatic signal compensation and RS-232 serial functionality that allows access to a computer system from a remote USB console (USB keyboard, monitor, and USB mouse).

Because it allows access to a computer system from a remote console, the CE750 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.
The CE750 improves on previous designs by the addition of an RS-232 port, on both the Local and Remote Units, that allows you to connect to a serial terminal for configuration (Local Unit), or serial devices such as touchscreens and barcode scanners (Remote Unit)

Features

- Local and Remote Units connect at distances up to 200 m using Cat 5e cable
- Dual console operation - control your system from both the local and remote USB keyboard, monitor, and mouse consoles
- Built-in ASIC for greater reliability and compatibility
- USB Keyboard and USB Mouse Ports
- RS-232 serial ports - allows you to connect to a serial terminal for configuration (Local Unit), or serial devices such as touchscreens and barcode scanners (Remote Unit)
- Supports stereo speakers and stereo microphone
- USB overcurrent detection and prevention
- Pushbutton operating mode selection (Local Unit only) -select between Local and Auto operating modes.
- Built-in 8KV/15KV ESD protection (Contact voltage 8KV; Air voltage 15KV) and 2KV surge protection
- Adjustable gain control - automatically and manually adjusts signal strength to compensate for distance
- High resolution video - up to 1920 x 1200 @ 60 Hz (30m),1600 x 1200 @ 60 Hz (150m),1280 x 1024 @ 60 Hz (200m)
- Supports Wide Screen formats *
- Supports VGA, SVGA, SXGA (1280 x 1024) and UXGA (1600 x 1200) and multisync monitors; local monitor supports DDC; DDC2; DDC2B
- Hot pluggable
- Rack mountable
- Easy to install - no software required - connecting cables to the devices is all it takes
- Multiplatform support - Windows, Linux, FreeBSD

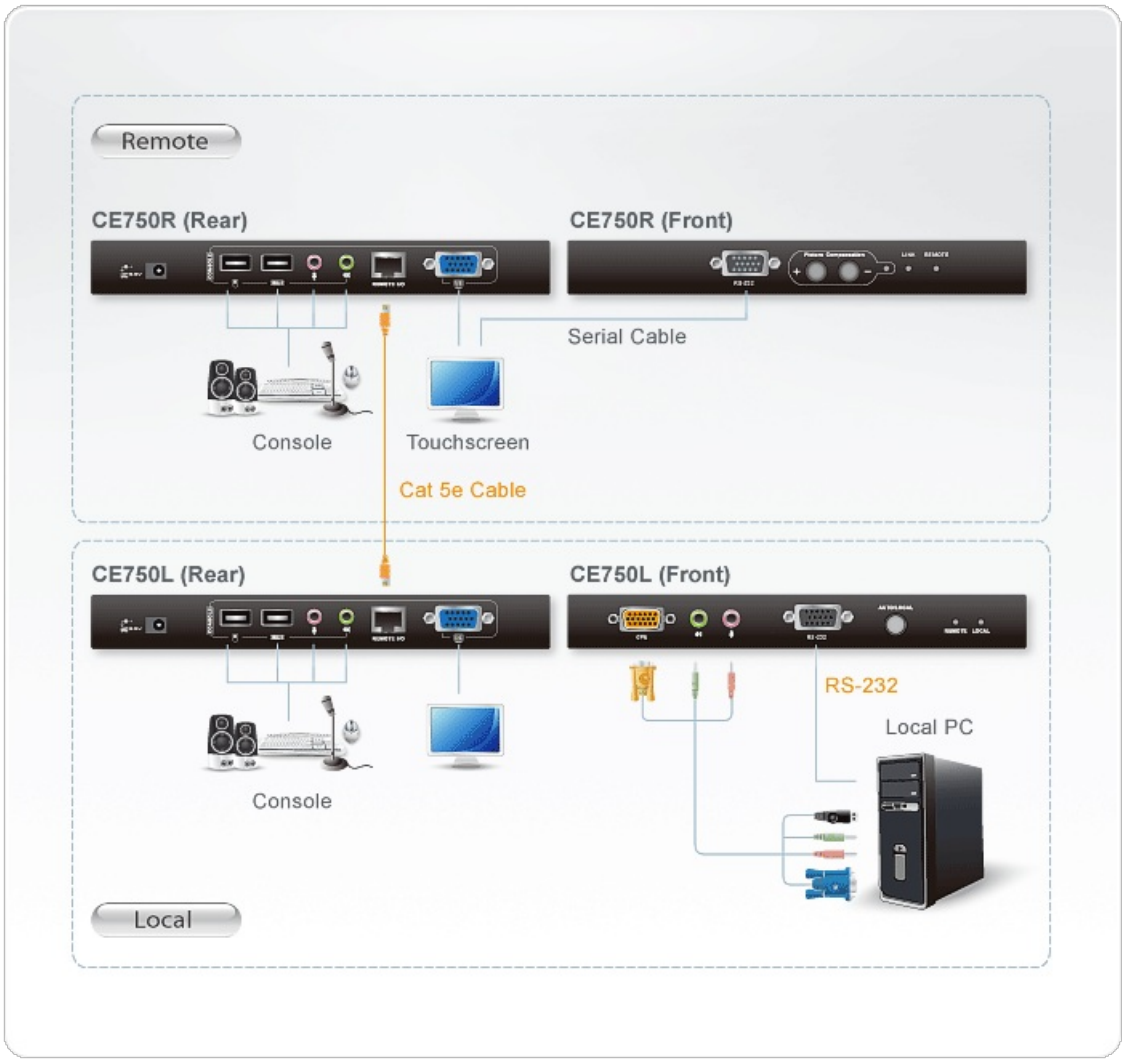
  * The EDID data for a widescreen is sent from the local video output port. For widescreen modes and displays connect the monitor to the local video output port or use an ATEN EDID emulator.

Specifications

Function	CE750AL	CE750AR
Connectors		

Console Ports	2 x USB Type A Female (White) 1 x HDB-15 Female (Blue) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) 1 x DB-9 Female (Black) 1 x RJ-45 Female 1 x DC Jack	2 x USB Type A Female (White) 1 x HDB-15 Female (Blue) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) 1 x DB-9 Male (Black) 1 x RJ-45 Female 1 x DC Jack
KVM Ports	1 x SPHD-15 Female (Yellow) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink)	N/A
LEDs		
Local	1 (Green)	N/A
Remote	1 (Green)	1 (Green)
Link	N/A	1 (Green)
Picture Compensation	N/A	1 (Orange)
Pushbuttons		
Operating Mode Selection	1 x Pushbutton	N/A
Picture Compensation	N/A	2 x Pushbuttons
Emulation		
Keyboard / Mouse	USB	USB
Video	1920x1200@60Hz at 30m; 1600x1200@60Hz at 150m; 1280x1024@60Hz at 200m	1920x1200@60Hz at 30m; 1600x1200@60Hz at 150m; 1280x1024@60Hz at 200m
Power Consumption	DC5.3V/3.0W	DC5.3V/4.2W
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	0.50 kg (1.1 lb)	0.50 kg (1.1 lb)
Dimensions (L x W x H)	20.20 x 8.63 x 2.63 cm (7.95 x 3.4 x 1.04 in.)	20.20 x 8.63 x 2.63 cm (7.95 x 3.4 x 1.04 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	

Diagram



ATEN International Co., Ltd.
3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
www.aten.com E-mail: marketing@aten.com

© Copyright 2015 ATEN® International Co., Ltd.
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
All rights reserved. All other trademarks are the property of their respective owners.