

# CE350 / CE370

## PS/2 KVM Extender

# Touchboards

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- The CE350 / CE370 is a PS/2 based KVM Extender with automatic signal compensation and RS-232 serial functionality allow access to a computer system from a remote PS/2 console (PS/2 keyboard, monitor, and PS/2 mouse). Because it allows access to a computer system from a remote console, the CE350 / CE370 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.

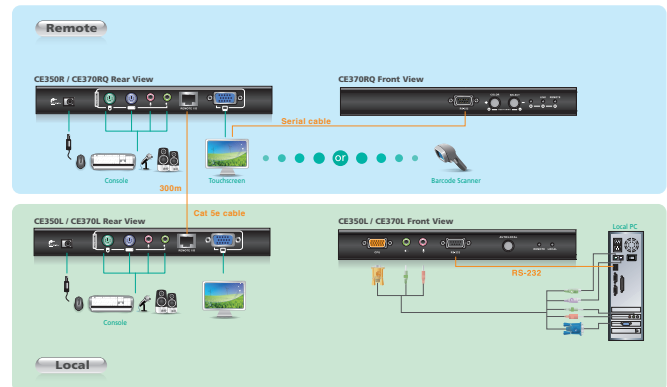
The CE370 supports RGB delay tuner to manually synchronize the RGB signals. This allows users to deploy system equipment over large distances. The CE370's line synchronizing function corrects color phase and timing errors that occur over long distance transmissions. It also enables you to manually tune the R/G/B signal settings



## Features

- Local and Remote Units connect at distances up to 300 m using Cat 5e cable
- Deskew Function (CE370 only) – automatically synchronizes the time delay of RGB signals to compensate for distance
- On Screen Display (CE370 only) – conveniently adjust video quality with the intuitive OSD menu system
- Manually tune the R/G/B settings, store and retrieve (CE370 only)
- Adjustable gain control – automatically and manually adjust signal strength to compensate for distance
- Dual console operation – control your system from both the local and remote keyboard, monitor, and mouse consoles
- Built-in ASIC for greater reliability and compatibility
- Auto Signal Compensation (ASC) and storage of settings
- RS-232 serial ports – connect to a serial terminal, or serial devices such as touchscreens and barcode scanners (Baud Rate 115200 bps)
- Audio Enabled – supports stereo speakers and microphone
- Pushbutton operating mode selection (Local Unit only) – select between Local and Auto operating modes, with the press of a single button
- Built-in 8KV/15KV ESD protection (Contact voltage 8KV; Air voltage 15KV) and 2KV surge protection
- Superior video quality –  
 CE350: 1920 x 1200@60Hz(30m), 1600 x 1200@60Hz(150m)  
 CE370: 1920 x 1200@60Hz(150m), 1280 x 1024@60Hz(300m)
- Superior Audio – no loss in audio quality at 300 m
- Supports Wide Screen formats\*
- Supports VGA, SVGA, SXGA (1280 x 1024), UXGA (1600 x 1200), WUXGA (1920 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

\* 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.



## Specification

Function		CE350L	CE350R	CE370L	CE370RQ
Console Ports	Keyboard	1 x 6-pin Mini-DIN Female (Purple)			
	Video	1 x HDB-15 Female (Blue)			
	Mouse	1 x 6-pin Mini-DIN Female (Green)			
	Speakers	1 x Mini Stereo Jack Female (Green)			
	Mic.	1 x Mini Stereo Jack Female (Pink)			
Connectors	KB / Video / Mouse	1 x SPHD-17 Female (Yellow)		1 x SPHD-17 Female (Yellow)	
	Speakers	1 x Mini Stereo Jack (Green)	N/A	1 x Mini Stereo Jack (Green)	N/A
	Mic.	1 x Mini Stereo Jack (Pink)		1 x Mini Stereo Jack (Pink)	
RS-232	1 x DB-9 Female (Black)	1 x DB-9 Male (Black)	1 x DB-9 Female (Black)	1 x DB-9 Male (Black)	
Unit to Unit	1 x RJ-45 Female (Black)				
Power	1 x DC Jack (Black)				
LEDs	Local	1 (Green)	N/A	1 (Green)	N/A
	Remote	1 (Green)	1 (Red)	1 (Green)	N/A
	Link	N/A	1 (Orange)	N/A	N/A
	Picture Compensation	N/A	1 (Blue)	N/A	N/A
	B	N/A	N/A	N/A	1 (Blue)
Pushbuttons	Operating Mode Selection	1 x Pushbutton	N/A	1 x Pushbutton	N/A
	Compensation / Up	N/A	1 x Pushbutton	N/A	N/A
Emulation	Compensation / Down	N/A	1 x Pushbutton	N/A	N/A
	Color	N/A	N/A	N/A	1 x Pushbutton
	Select	N/A	N/A	N/A	1 x Pushbutton
Video	Keyboard / Mouse	PS/2			
Power Consumption	DC5.3V/3.38W	DC5.3V/4.77W	DC5.3V/3.38W	DC5.3V/6.43W	
Environment	Operating Temp.	0-50°C			
	Storage Temp	-20-60°C			
	Humidity	0-80% RH, Non-condensing			
	Housing	Metal			
Physical Properties	Weight	0.49 kg	0.48 kg	0.49 kg	0.48 kg
	Dimensions (L x W x H)	20.20 x 8.64 x 2.50 cm	20.20 x 8.64 x 2.50 cm	20.20 x 8.64 x 2.50 cm	20.20 x 8.64 x 2.50 cm

