

## CE250A

PS/2 VGA Cat 5 KVM Extender (1280 x 1024@150m)



The CE250A KVM Extender is perfect for factory and construction sites, or any type of installation where the console needs to be in a conveniently accessible location, but you want the system equipment to reside in a safe place - away from dust, and harsh environmental influences.

A key feature of the CE250A is built-in 8KV ESD protection and 2KV surge protection. It also features a custom ASIC that ensures the utmost in reliability and compatibility. It senses the distance to the computer and automatically adjusts the gain to compensate.

The CE250A KVM Extender provides the optimum means to access the remote computer, since it uses compact, inexpensive Cat 5e cable for a neater, more convenient, more reliable data transfer connection.

### Features

- Cat 5e cable to connect the Local and Remote Units - up to 150 m apart
- Dual console operation - control your system from both the local and remote PS/2 keyboard, mouse and monitor consoles
- Pushbutton selection of the active console
- High resolution video - up to 1280 x 1024 @ 60 Hz
- Supports Wide Screen formats \*
- Supports VGA, SVGA, and Multisync monitors - local monitor supports DDC; DDC2; DDC2B
- Supports Microsoft Intellimouse and the scrolling wheel on most mice
- Automatic gain control - automatically adjusts signal strength to compensate for distance
- Built-in 8KV ESD protection and 2KV surge protection
- Local unit takes its power from the computer - external power is only required when the power from the local computer/computers in the KVM installation is insufficient
- Rack Mountable
- Multiplatform support: OS Support: Windows 2000/XP/Vista and Linux.

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	CE250AL	CE250AR
Console Selection	1 x Pushbutton	1 x Pushbutton
Connectors		

Console Ports	1 x 6-pin Mini-DIN Female (Purple) 1 x HDB-15 Female (Blue) 1 x 6-pin Mini-DIN Female (Green)	1 x 6-pin Mini-DIN Female (Purple) 1 x HDB-15 Female (Blue) 1 x 6-pin Mini-DIN Female (Green)
KVM Ports	1 x SPHD-15 Female	N/A
Power	1 x DC Jack	1 x DC Jack
Unit To Unit	1 x RJ45 Female (Black)	1 x RJ45 Female (Black)
LEDs		
Local	1 (Green)	N/A
Remote	1 (Green)	N/A
Power	N/A	1 (Green)
Online	N/A	1 (Green)
Emulation		
Keyboard / Mouse	PS/2	PS/2
Video	1280 x 1024 @ 60Hz (150 m) DDC; DDC2; DDC2B	1280 x 1024 @ 60Hz (150 m) DDC; DDC2; DDC2B
Power Consumption	DC5V:0.62W:7BTU	DC5V:1.21W:10BTU
Environmental		
Operating Temperature	0~50°C	0~50°C
Storage Temperature	-20~60°C	-20~60°C
Humidity	0~80% RH	0~80% RH
Physical Properties		
Housing	Metal	Metal
Weight	0.33 kg ( 0.73 lb )	0.32 kg ( 0.7 lb )
Dimensions (L x W x H)	12.70 x 8.66 x 2.63 cm (5 x 3.41 x 1.04 in.)	12.70 x 8.15 x 2.63 cm (5 x 3.21 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



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