ATEN
Simply Better Connections™

Model: **CE-120**
KVM Extender

Model: **CE-220**
KVM Extender

Model: **CE-250**
KVM Extender

(Remote)

(Local)

(Remote)

(Local)

ATEN provides 3 different models of PS/2 Console Extenders, CE-120, CE 220 and CE-250, which conveniently allow remote access to your system unit via console, including keyboard, monitor and mouse. The set up is plug-n-play so no extra tool or software are required. The CE-120 can accommodate 1 remote user whereas the CE220 and CE250 can allow 2 users, one remote and one local user, from a distance of 500 feet using a special Cat 5 cable*, thus reducing cable bulk. For users requiring optimum video resolution, the CE250 is the ideal solution for safe storage of system equipment and sensitive data in a secure environment.

Features

CE-120
• One unit handles keyboard, monitor and mouse extension
• Transmission distance of up to 80m
• Suitable for PS/2 computers
• Plug and Play operation - No tools required - just plug in the cables
• Supports SVGA, VGA, and Multisync monitors

CE-220/CE-250
• Uses Cat 5 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 - sequential selection between local and auto mode
• Automatic Gain Control - automatically adjusts signal strength to compensate for distance
• Built-in ASIC for greater reliability and compatibility (CE-250)
• High video resolution - up to 1024 x 768 (CE-220); 1280 x 1024 (CE-250)
• Supports DDC2B for local monitor (display data channel for communication between graphic card and monitor)
• Supports VGA, SVGA, and Multisync Monitors

* Cat 5 cable: We strongly recommend that you use Cat 5 STP cable

Accessories

1.

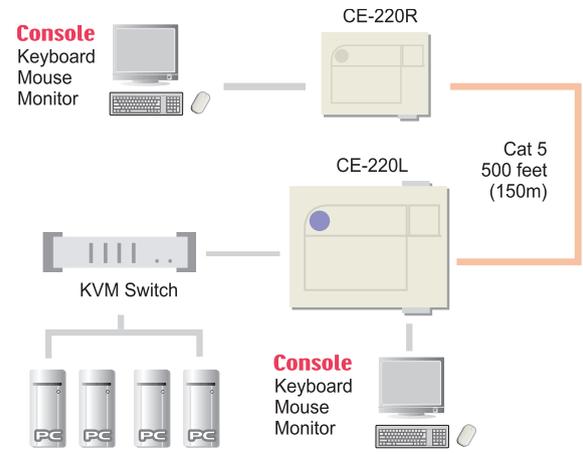2.

CE-120
1. Power Adapter: AC9V x 1 (pic.2)

CE-220 / CE-250
1. 1.2M PS/2 KVM Cable x 1 (pic.1)
2. Power Adapter: AC9V x 2 (pic.2)

Optional Equipment

PS/2 KVM Extension Cable (CE-120)
We offer varying lengths: 10m (2L-1010P) , 20m (2L-1020P), 30m (2L-1030P) or 40m (2L-1040P) please refer to page P67-A

PS/2
6 pin mini-DIN

ATEN ASIC Inside
(CE-250)

Diagram (CE-220)

Console Keyboard Mouse Monitor

CE-220R

CE-220L

Cat 5 500 feet (150m)

KVM Switch

PC PC PC PC

Console Keyboard Mouse Monitor

Specifications

Function			CE-120	CE-220R/L	CE-250R/L
Console Port	Selection		N/A	1 x Pushbutton	
Connectors	Console (Local)	Keyboard	1 x Mini Din 6 Female (Purple)		
		Video	1 x HDB15 Female (Blue)		
		Mouse	1 x Mini Din 6 Female (Green)		
		Unit to Unit	N/A	1 x RJ45 Female (Black)	
		Power	1 x AC Jack (Black)		
	Computer (Local)	Keyboard	1 x Mini Din 6 Female (Purple)		
		Video	1 x HDB15 Male (Blue)		
		Mouse	1 x Mini Din 6 Female (Green)		
	Remote	Keyboard	N/A	1 x Mini Din 6 Female (Purple)	
		Video	N/A	1 x HDB15 Female (Blue)	
		Mouse	N/A	1 x Mini Din 6 Female (Green)	
		Connection	N/A	1 x RJ 45 Female (Black)	
		Power	N/A	1 x AC Jack (Black)	
LEDs (Local)	Local		1 Power	1 (Green)	1 (Green)
	Remote		N/A	1 (Green)	1 (Green)
LEDs (Remote)	Status		N/A	1 (Orange)	1 (Orange)
	On Line		N/A	1 (Green)	1 (Green)
Emulation	Keyboard		PS/2		
	Mouse				
Switches	Selection Mode		N/A	1 Pushbutton	
Video			1024 x 768		1280 x 1024
Maximum Distance			80m	150m	
Power Consumption			AC9V, 1.6W (Max)	AC9V, 2.7W (Max)	AC9V, 2.7W (Max)
Environment	Operating Temperature		0˚~50˚C		
	Storage Temperature		-20˚~60˚C		
	Humidity		0~80% RH, NC		
Physical Properties	Housing		Metal	Plastic	
	Weight	Local	0.41 kg	0.3 kg	0.3 kg
		Remote	N/A	0.22 kg	0.22 kg
	Dimensions (L x W x H)	Local	13.7x 10.3 x 3.8 cm	13 x 10 x 3.5 cm	13 x 10 x 3.5 cm
		Remote	N/A	10 x 8.5 x 3.5 cm	10 x 8.5 x 3.5 cm