

## **CE700A**

## **USB KVM Extender**

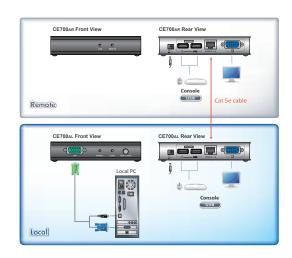
The CE700A is a USB KVM Extender with superior video quality and built-in ESD and surge protection that allows access to a computer system up to 150 meters away from a remote USB console (USB keyboard, monitor, and USB mouse).

The CE700A improves on previous designs by: 1) incorporating 8KV/15KV ESD protection and 2KV surge protection; 2) providing superior video quality – up to 1920 x 1200 resolution; 3) using inexpensive Cat 5e cable, instead of bulkier, more expensive, standard cables, for a much neater, more convenient, more reliable data transfer connection; 4) it is able to sense the distance to the system and automatically adjusts the gain accordingly; and 5) it features a custom ASIC to ensure the utmost in reliability and compatibility.



- Cat 5e cable connects the Local and Remote Units up to 150m
- 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
- Auto Signal Compensation (ASC)
- USB Keyboard and USB Mouse Ports
- 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
- Automatic gain control adjusts signal strength to compensate for distance
- High resolution video up to 1920 x 1200@60Hz (30m); 1600 x 1200@60Hz (100m); 1280 x 1024@60Hz (150m)
- Supports VGA, SVGA, SXGA, UXGA, WUXGA and multisyncmonitors; local monitor supports DDC; DDC2; DDC2B
- Rack mountable
- Easy to install no software required connecting cables to the devices is all it takes
- Spports Wide Screen formats \*
- \*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			CE700 <sub>AL</sub>	CE700 <sub>AR</sub>
Connectors	Console Ports	Keyboard	1 x USB Type A Female (White)	
		Video	1 x HDB-15 Female (Blue)	
		Mouse	1 x USB Type A Female (White)	
	KVM	Keyboard/	1 x SPHD-17	N/A
	Ports	Video/Mouse	Female (Green)	
	Unit to Unit		1 x RJ-45 Female (Black)	
	Power		1 x DC Jack	
Pushbuttons	Operating Mode Selection		1 x Pushbutton	N/A
LEDs	Local		1 (Green)	N/A
	Remote		1 (Green)	1 (Green)
	Link		N/A	1 (Green)
Emulation	Keyboard/Mouse		USB	
Power Consumption			DC 5.3V, 2.31W	DC 5.3V, 2.84W
Video Resolution			1920 x 1200 @ 60 Hz (30m)	
			1600 x 1200@60Hz (100m)	
		1280 x 1024 @ 60Hz (150m)		
Environment	Operating Temp.		0-50°C	
	Storage Temp		-20-60°C	
	Humidity		0–80% RH, Non-condensing	
Physical Properties	Housing		Metal	
	Weight		0.32 kg	0.31 kg
	Dimensions (L x W x H)		20.00 x 8.36 x 2.63 cm	20.00 x 8.36 x 2.63 cm

<sup>\*</sup> The specifications and pictures are subject to change without notice.

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