

# 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).

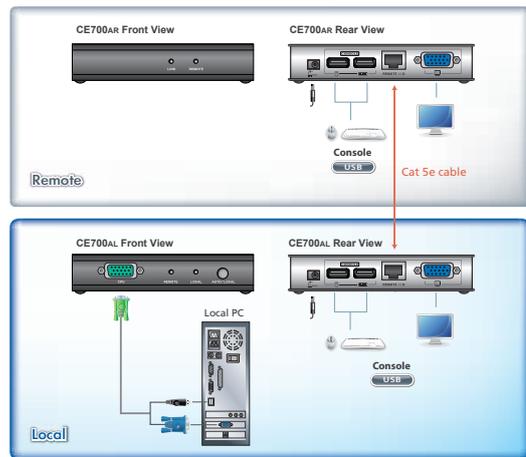
The CE700A improves on previous designs by: 1) incorporating 8KV/15KV ESD protection and 2KV surge protection; 2) providing superior video quality – up to 1920 x 1200 resolution; 3) using inexpensive Cat 5e cable, instead of bulkier, more expensive, standard cables, for a much neater, more convenient, 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.



### Features

- Cat 5e cable connects the Local and Remote Units – up to 150m apart
- 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 multisync monitors; local monitor supports DDC; DDC2; DDC2B
- Rack mountable
- Easy to install – no software required – connecting cables to the devices is all it takes
- Supports 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		CE700AL	CE700AR
Connectors	Console Ports	Keyboard Video Mouse	1 x USB Type A Female (White) 1 x HDB-15 Female (Blue) 1 x USB Type A Female (White)
	KVM Ports	Keyboard/ Video/Mouse	1 x SPHD-17 Female (Green) N/A
	Unit to Unit		1 x RJ-45 Female (Black)
	Power		1 x DC Jack
	Pushbuttons	Operating Mode Selection	1 x Pushbutton
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

\* The specifications and pictures are subject to change without notice.

