

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).

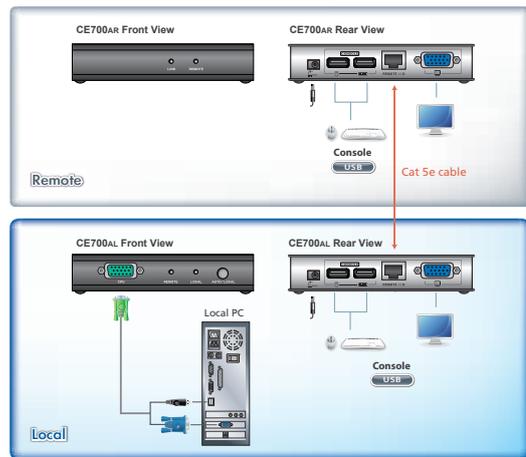
The CE700A improves on previous designs by: 1) incorporating 8KV/15KV ESD protection and 2KV surge protection; 2) providing superior video quality – up to 1920 x 1200 resolution; 3) using inexpensive Cat 5e cable, instead of bulkier, more expensive, standard cables, for a much neater, more convenient,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

