

GCE250

KVM Console Extender, PS/2



The GCE250 KVM Extender allows access to a computer (or KVM) from a remote console (keyboard, monitor, and mouse). It is perfect for any situation where the computer needs to be in a protected area for environmental or security considerations. The console can be located in a convenient location up to 490 feet away from the server or KVM, while your computers remain secured.

The GCE250 uses standard CAT-5 cable so you can cut your connection to the exact length needed, which makes placement your choice rather than accommodating someone else's compromise of a correct cable length.

A key feature of the GCE250 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 system and automatically adjusts the gain to compensate.

- Use a CAT5e/6 cable to connect the Local and Remote Units – up to 490ft apart
- Dual console operation - control your system from either the local or remote PS/2 keyboard, mouse and monitor consoles.
- Pushbutton selection enables a console lock / release for security
- High resolution video – up to 1280 x 1024 @ 60 Hz
- Supports VGA, SVGA, and Multi-sync monitors – local monitor supports DDC; DDC2; DDC2B
- Automatic gain control – automatically adjusts signal strength to compensate for distance
- Built-in 8KV ESD protection and 2KV surge protection
- Rack mountable (Kit included)



How does it work?

Standard Setup

Local Console

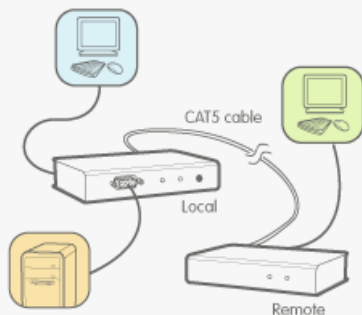
Connect a set of VGA display, PS/2 keyboard and mouse to the GCE250L.

Remote Console

Connect a set of VGA display, PS/2 keyboard and mouse to the GCE250R.

Computer

Connect a computer to GCE250L with the provided KVM cable.



OR

Advanced Setup

Local Console

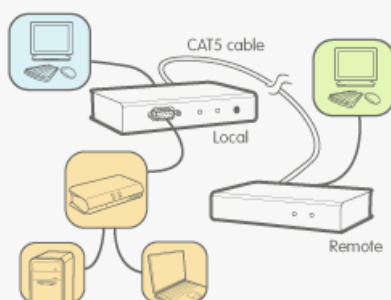
Connect a set of VGA display, PS/2 keyboard and mouse to the GCE250L.

Remote Console

Connect a set of VGA display, PS/2 keyboard and mouse to the GCE250R.

Computers

Connect computers through a KVM to the GCE250L.



Requirements

Local Console

- 1 VGA display
- 1 set of PS/2 keyboard and mouse

Remote Console

- 1 VGA display
- 1 set of PS/2 keyboard and mouse

Computer

- 1 VGA output
- 1 PS/2 keyboard port
- 1 PS/2 mouse port

Cable

- 2 VGA cables
- 1 solid CAT5e/6 cable

Package Contents

- 1 x GCE250L (Local Unit)
- 1 x GCE250R (Remote Unit)
- 1 x Custom KVM Cable
- 2 x Power Adapter
- 2 x Rack Mount Kit
- 2 x Grounding Wire
- 1 x Installation Guide
- 1 x Warranty Card

Specifications

Function	GCE250	Dimensions	GCE250
Housing		Unit Dimensions	
Case	Plastic	Height	Local: 1.275 in. (3.24 cm); Remote: 1.25 in. (3.17 cm.)
CPU Connectors		Length	Local: 5 in. (12.7 cm.); Remote: 4 in. (10.16 cm.)
Mouse	6 pin mini-DIN female for the Local Units	Width	Local: 4.25 in. (10.80 cm.); Remote: 3.25 in. (8.26 cm.)
Keyboard	6 pin mini-DIN female for the Local Units	Unit Package Dimensions	
Monitor	HDB-15 male for the Local Unit	Height	3.875 in. (9.8 cm)
Console Connectors		Width	10.5 in. (26.7 cm)
Mouse	6 pin mini-DIN female for both Remote and Local Units	Depth	8.75 in (22.2 cm)
Keyboard	6 pin mini-DIN female for both Remote and Local Units	Master Carton	
Monitor	HDB-15 female for both Remote and Local Units	Height	12 in. (30 cm)
Power Consumption		Width	12.75 in. (32.3 cm)
Video Resolution	1280 x 1024; (DDC; DDC2; DDC2B for local monitors)	Depth	18.4 in. (46.7 cm)
Operating Temperature	5 to 40C	Master Carton Qty.	6
Storage Temperature	-20 to -60C	Weight	
Humidity	0 - 80%	Master Carton Wt.	19.92 lb. (9 kg)
Power Connections	AC 5V	Unit Pack Wt.	3.4 lbs. (1.5 kg)
Cable Distance	500 ft. (150 m.) maximum	Unit Wt.	Local unit: 0.45 Lbs. (0.20 kg.) , Remote unit: 0.4 Lb (0.18 kg.)
LEDs			
Local	1 Local, 1 Remote		
Remote	1 Status, 1 On Line		
Function Keys	Local/Auto Selection Button on the Local Unit		
Unit to Unit Connectors	RJ45, 8P8C		
Power Adaptor Part #			
for North America	# 0AD8-0005-10EG		
for Continental Europe	# 0AD6-1005-101G		
for UK	# 0AD4-3005-101G		