

## CE100

USB VGA Cat 5 Mini KVM Extender (1280 x 1024@100m)



The CE100 USB KVM Extender with superior video quality and built-in ESD protection allows access to a computer system from a remote USB console (USB keyboard, USB mouse, and monitor). The CE100 improves on previous designs by: 1) incorporating a compensation adjustment function at the Remote unit for greater video quality; and 2) using inexpensive Cat 5e cable, instead of bulky, expensive, standard cables, to provide a neater, more convenient, more reliable data transfer connection.

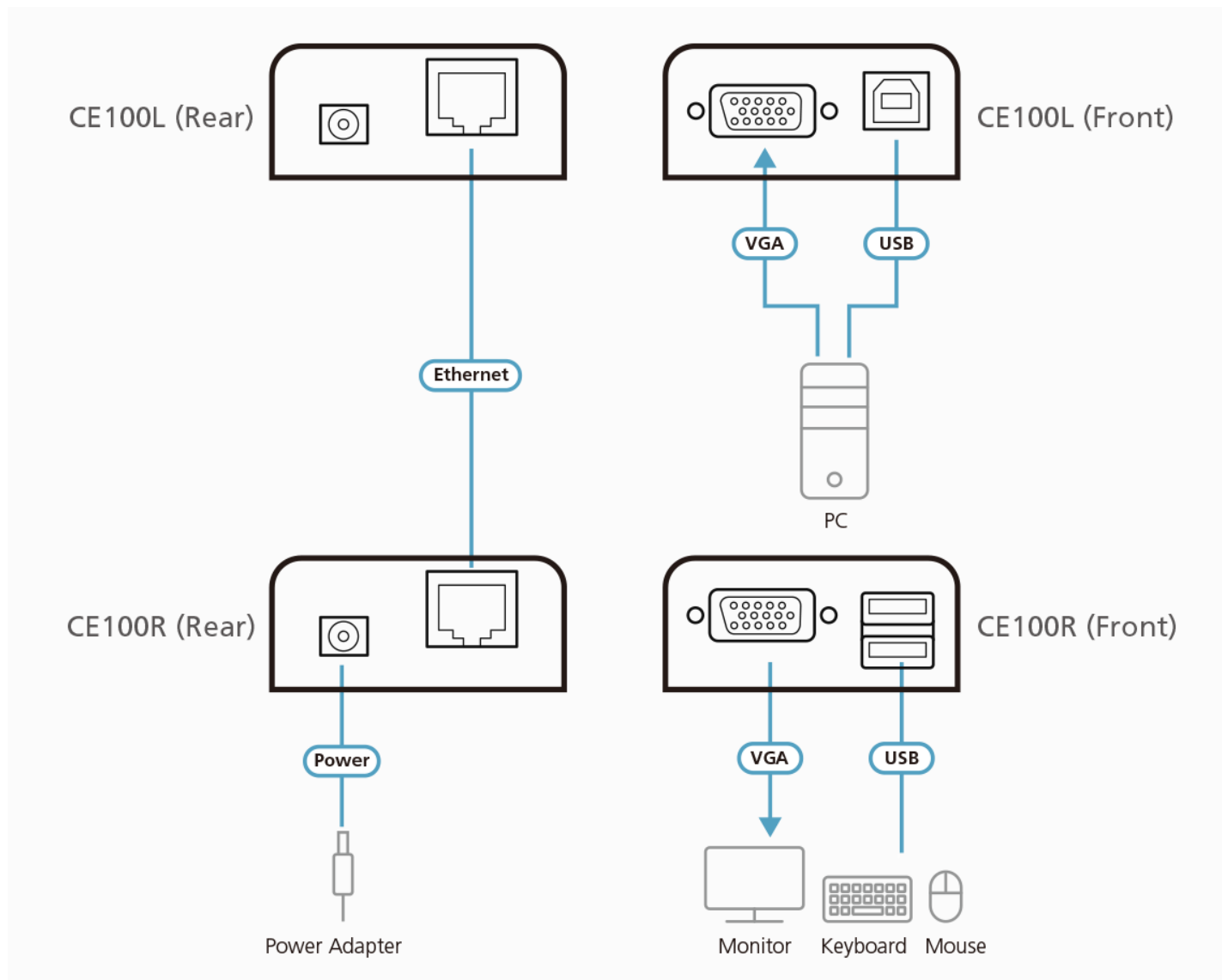
### Features

- [Extends local PC VGA/keyboard/Mouse to Remote side](#)
- Uses Cat 5e cable to connect the local and remote units
- Easily add or remove computers connected to the installation
- [Supports real time DDC communication](#)
- [Superior video quality – up to 1920 x 1200](#)
- Allow access to a computer from the remote console up to 100 m distance
- [Support manual compensation adjustment for better video quality](#)
- No external power supply needed for local unit
- Built-in 8KV/15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)
- Wall mountable

# Specification

|                        |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function               | CE100L                                                                                                                                                                                                                                            | CE100R                                                                                                                                                                                                                                            |
| Connectors             |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                   |
| Console Ports          | N/A                                                                                                                                                                                                                                               | 2 x USB Type A Female (White)<br>1 x HDB-15 Female (Blue)                                                                                                                                                                                         |
| KVM Ports              | 1 x USB Type B Female (White)<br>1 x HDB-15 Male (Blue)                                                                                                                                                                                           | N/A                                                                                                                                                                                                                                               |
| Power                  | 1 x DC Jack                                                                                                                                                                                                                                       | 1 x DC Jack                                                                                                                                                                                                                                       |
| Unit To Unit           | 1 x RJ-45 Female (Black)                                                                                                                                                                                                                          | 1 x RJ-45 Female (Black)                                                                                                                                                                                                                          |
| Switches               | N/A                                                                                                                                                                                                                                               | 1 x Knob                                                                                                                                                                                                                                          |
| LEDs                   |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                   |
| Link                   | 1 (Blue)                                                                                                                                                                                                                                          | 1 (Blue)                                                                                                                                                                                                                                          |
| Power                  | 1 (Green)                                                                                                                                                                                                                                         | 1 (Green)                                                                                                                                                                                                                                         |
| Video                  | 1920 x 1200 @ 60 Hz (30 m);<br>1280 x 1024 @ 60 Hz (100 m)                                                                                                                                                                                        | 1920 x 1200 @ 60 Hz (30 m);<br>1280 x 1024 @ 60 Hz (100 m)                                                                                                                                                                                        |
| Power Consumption      | DC5V:0.68W:7BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. | DC5V:0.99W:9BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Environmental          |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                   |
| Operating Temperature  | 0–50°C                                                                                                                                                                                                                                            | 0–50°C                                                                                                                                                                                                                                            |
| Storage Temperature    | -20–60°C                                                                                                                                                                                                                                          | -20–60°C                                                                                                                                                                                                                                          |
| Humidity               | 0–80% RH, Non-condensing                                                                                                                                                                                                                          | 0–80% RH, Non-condensing                                                                                                                                                                                                                          |
| Physical Properties    |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                   |
| Housing                | Metal                                                                                                                                                                                                                                             | Metal                                                                                                                                                                                                                                             |
| Weight                 | 0.17 kg ( 0.37 lb )                                                                                                                                                                                                                               | 0.17 kg ( 0.37 lb )                                                                                                                                                                                                                               |
| Dimensions (L x W x H) | 9.10 x 5.74 x 2.40 cm<br>(3.58 x 2.26 x 0.94 in.)                                                                                                                                                                                                 | 9.10 x 5.74 x 2.40 cm<br>(3.58 x 2.26 x 0.94 in.)                                                                                                                                                                                                 |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.                                                                                                                   |                                                                                                                                                                                                                                                   |

Diagram



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