

## CE800B

USB VGA/Audio Cat 5 KVM Extender with USB Flash Storage (1024 x 768@250m)



The CE800B USB KVM Extender with on-board audio allows access to a computer system from a remote console (USB keyboard and mouse, monitor, stereo speakers, and microphone). It is perfect for factory and construction sites, or any type of installation where the console needs to be in a conveniently accessible location, but you want the system equipment to reside in a safe place - away from dust, dirt, and harsh environmental influences.

The CE800B has built-in USB ports that support USB Mass Storage compliant flash drives. The addition of a Type B USB port on the local unit means that the flash drive facility is fully supported in both PC-only and KVM switch installation.

### Features

- Cat 5e cable to connect the Local and Remote Units - up to 250 m (825 ft) apart
- Dual console operation - control your system(s) from both the local and remote consoles
- Pushbutton selection of the active console
- Built-in USB port on both units supports external USB Mass Storage compliant flash drives for easy file sharing
- Remote unit special security feature requires login when attaching an external USB storage device
- Supports Wide Screen formats \*
- Supports VGA, SVGA, and multisync monitors – local monitor supports DDC; DDC2; DDC2B
- High resolution video - up to 1600 x 1200 @ 60 Hz
- Built-in 8KV/15KV ESD protection and 2KV surge protection
- Adjustable gain control - automatically and manually adjusts signal strength to compensate for distance
- Supports stereo speakers and stereo microphone
- Supports Microsoft Intellimouse and the scrolling wheel on most mice
- Upgradable firmware
- Built-in ASIC for greater reliability and compatibility

\* 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             | CE800BL                                                                                                                  | CE800BR                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Computer Connections | 1                                                                                                                        | N/A                                                                                                                      |
| Connectors           |                                                                                                                          |                                                                                                                          |
| Console Ports        | 2 x USB Type A Female (White)<br>1 x HDB-15 Female (Blue)<br>1 x Mini Stereo Jack (Green)<br>1 x Mini Stereo Jack (Pink) | 2 x USB Type A Female (White)<br>1 x HDB-15 Female (Blue)<br>1 x Mini Stereo Jack (Green)<br>1 x Mini Stereo Jack (Pink) |

|                          |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| KVM Ports                | 1 x SPHD-15 Female (Yellow)<br>1 x USB Type B (Female)<br>1 x USB Type A (Female)<br>1 x Mini Stereo Jack (Green)<br>1 x Mini Stereo Jack (Pink)                                                                                                   | 1 x USB Type A (Female)                                                                                                                                                                                                                            |
| Firmware Upgrade         | 1 x 4-conductor 3.5 mm Jack                                                                                                                                                                                                                        | N/A                                                                                                                                                                                                                                                |
| Power                    | 1 x DC Jack                                                                                                                                                                                                                                        | 1 x DC Jack                                                                                                                                                                                                                                        |
| Unit To Unit             | 1 x RJ-45                                                                                                                                                                                                                                          | 1 x RJ-45                                                                                                                                                                                                                                          |
| Switches                 |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                    |
| Operation Mode Selection | 1 x Pushbutton                                                                                                                                                                                                                                     | 1 x Pushbutton                                                                                                                                                                                                                                     |
| Picture Compensation     | N/A                                                                                                                                                                                                                                                | 2 x Pushbutton                                                                                                                                                                                                                                     |
| LEDs                     |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                    |
| Local                    | 1 (Green)                                                                                                                                                                                                                                          | N/A                                                                                                                                                                                                                                                |
| Remote                   | 1 (Green)                                                                                                                                                                                                                                          | 1 (Green)                                                                                                                                                                                                                                          |
| Link                     | N/A                                                                                                                                                                                                                                                | 1 (Green)                                                                                                                                                                                                                                          |
| Compensation             | N/A                                                                                                                                                                                                                                                | 1 (Orange)                                                                                                                                                                                                                                         |
| Video                    | 1920x1200@60Hz at 30m;<br>1600x1200@60Hz at 150m;<br>1024x768@60Hz at 250m                                                                                                                                                                         | 1920x1200@60Hz at 30m;<br>1600x1200@60Hz at 150m;<br>1024x768@60Hz at 250m                                                                                                                                                                         |
| Power Consumption        | DC5V:2.67W:27BTU/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:4.75W:29BTU/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                   | 0.51 kg ( 1.12 lb )                                                                                                                                                                                                                                | 0.49 kg ( 1.08 lb )                                                                                                                                                                                                                                |
| Dimensions (L x W x H)   | 20.20 x 8.63 x 2.63 cm<br>(7.95 x 3.4 x 1.04 in.)                                                                                                                                                                                                  | 20.20 x 8.16 x 2.63 cm<br>(7.95 x 3.21 x 1.04 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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