

## CE624

USB DVI Dual View HDBaseT™ 2.0 KVM Extender (1920 x 1200 @100 m)



The ATEN CE624 USB DVI Dual View HDBaseT™ 2.0 KVM Extender integrates the latest HDBaseT™ 2.0 technologies to provide the most reliable transmission of video, audio, USB and RS-232 signals available on the market. The CE624 delivers high-quality DVI Dual View video, PCM 2-channel digital audio, USB 2.0 and RS-232 signals up to 100 meters from the source computer using a single Cat6/6a cable. With a simple cable installation supporting various signals, the CE624 is ideal for applications where convenient remote access is required – in places such as transportation control centers, medical facilities, industrial warehouses and extended workstations.



### Features

- Allows DVI Dual View access to a computer and KVM control from a remote console
- HDBaseT™ 2.0 connectivity technology
  - Extends video, audio, USB and RS-232 signals via a single Cat6/6a cable
  - EDID Buffer for smooth power-up and the highest quality display
  - Enhanced bit error detection and correction to resist signal interference during high-quality video transmissions
- Long distance superior video quality
  - HDBaseT™ Standard mode up to 1920 x 1200 @ 100 m (for single view only; dual-view resolution up to 1080p)
  - HDBaseT™ Long Reach mode up to 1920 x 1080 @ 150 m (for single view only; dual-view resolution up to 720p)
- Long Reach mode switch - switches between HDBaseT™ Standard and Long Reach modes in a snap
- Integrated USB 2.0 ports - ensuring fast transmission speeds for keyboard, mouse and peripherals
- Supports 2-channel PCM digital audio - ensuring high quality audio transmissions
- Supports PC Wakeup function via pushbutton or hotkey
- Built-in 8KV/15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)
- HDCP compatible

### Specification

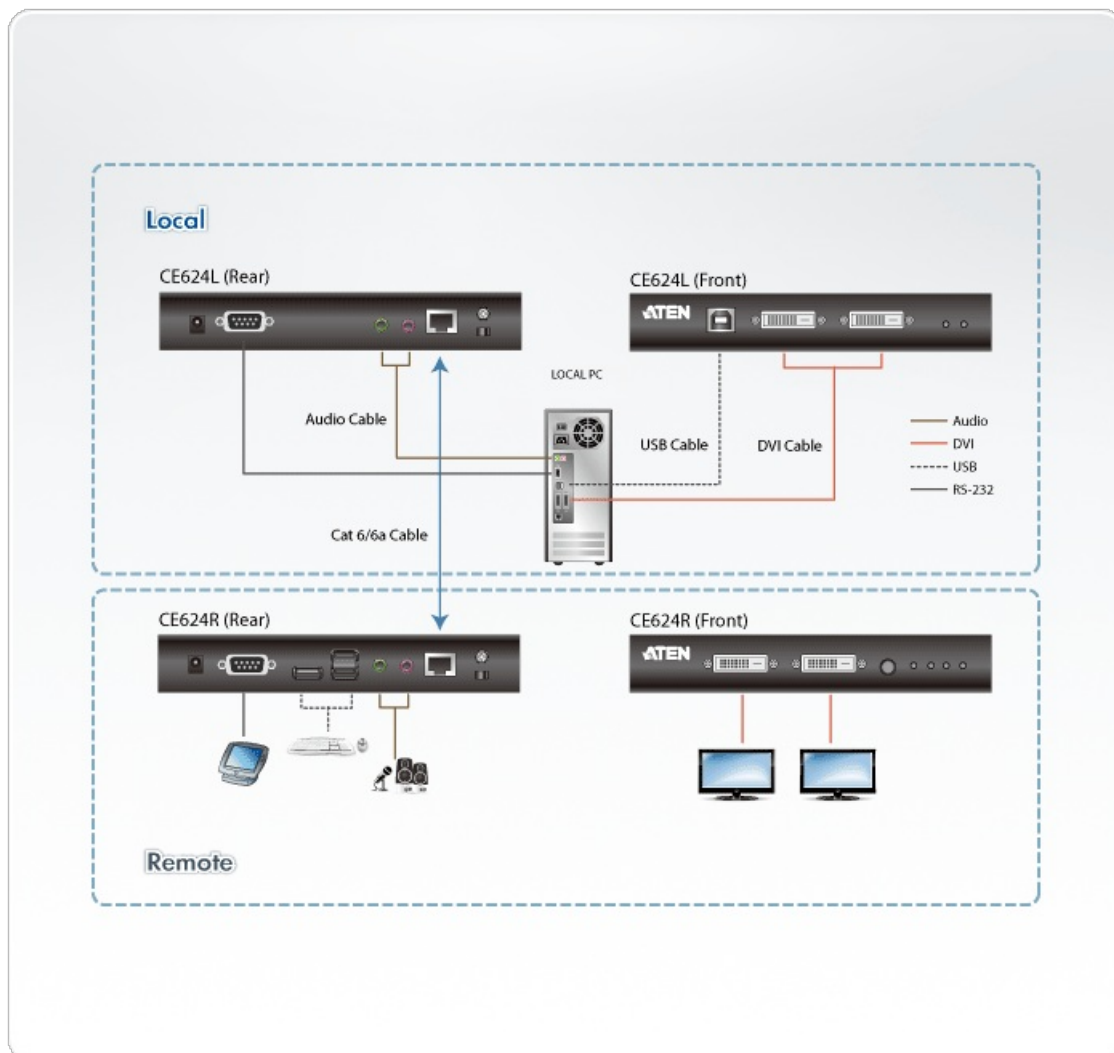
| Function   | CE624L                                                                                                                                 | CE624R |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|--------|
| Connectors |                                                                                                                                        |        |
| KVM Ports  | 2 x DVI-D Female (White)<br>1 x USB Type B Female (White)<br>1 x Mini Stereo Jack Female (Green)<br>1 x Mini Stereo Jack Female (Pink) | N/A    |

|                        |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                   |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Console Ports          | N/A                                                                                                                                                                                                                                                | 2 x DVI-D Female (White)<br>3 x USB Type A Female (White)<br>1 x Mini Stereo Jack Female (Green)<br>1 x Mini Stereo Jack Female (Pink)                                                                                                            |
| RS-232                 | 1 x DB-9 Female (Black)                                                                                                                                                                                                                            | 1 x DB-9 Male (Black)                                                                                                                                                                                                                             |
| Power                  | 1 x DC Jack with locking                                                                                                                                                                                                                           | 1 x DC Jack with locking                                                                                                                                                                                                                          |
| Unit To Unit           | 1 x RJ-45 Female (Black)                                                                                                                                                                                                                           | 1 x RJ-45 Female (Black)                                                                                                                                                                                                                          |
| LEDs                   |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                   |
| Power                  | 1 (Green)                                                                                                                                                                                                                                          | 1 (Green)                                                                                                                                                                                                                                         |
| Link                   | 1 (Orange)                                                                                                                                                                                                                                         | 1 (Orange)                                                                                                                                                                                                                                        |
| Video Output           | N/A                                                                                                                                                                                                                                                | 2 (Orange)                                                                                                                                                                                                                                        |
| Switches               |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                   |
| Long Reach Mode Switch | 1 x Slide Switch                                                                                                                                                                                                                                   | 1 x Slide Switch                                                                                                                                                                                                                                  |
| Firmware Upgrade       | 1 x Slide Switch                                                                                                                                                                                                                                   | 1 x Slide Switch                                                                                                                                                                                                                                  |
| Pushbuttons            |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                   |
| Wakeup button          | N/A                                                                                                                                                                                                                                                | 1 x Push button                                                                                                                                                                                                                                   |
| Video                  | Single view: Up to 1600x1200 & 1920x1200@90m (Cat 5e) / 100m (cat 6/6a); 1080P@100m<br>Dual-view: Up to 1080p@100m                                                                                                                                 | Single view: Up to 1600x1200 & 1920x1200@90m (Cat 5e) / 100m (cat 6/6a); 1080P@100m<br>Dual-view: Up to 1080p@100m                                                                                                                                |
| Power Consumption      | DC5V:4.93W:23BTU/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:7.2W:49BTU/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  | 0–40°C                                                                                                                                                                                                                                             | 0–40°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                 | 0.80 kg ( 1.76 lb )                                                                                                                                                                                                                                | 0.81 kg ( 1.78 lb )                                                                                                                                                                                                                               |
| Dimensions (L x W x H) | 17.42 x 15.94 x 2.88 cm<br>(6.86 x 6.28 x 1.13 in.)                                                                                                                                                                                                | 17.42 x 15.94 x 2.88 cm<br>(6.86 x 6.28 x 1.13 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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