

## CE620

USB DVI HDBase™ 2.0 KVM Extender (Long Reach mode up to 1920 x 1080@150 m)



The ATEN CE620 USB DVI HDBase™ 2.0 KVM Extender integrates the latest HDBase™ 2.0 technologies to provide the most reliable transmission of video, audio, USB and RS-232 signals available on the market. Featured with a Long Reach mode, the CE620 delivers high-quality DVI video, PCM 2-channel digital audio, USB 2.0, and RS-232 signals up to 150 meters using a single Cat6/6a/ATEN [2L-2910](#) Cat 6 cable. With a simple cable installation supporting various signals, the CE620 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

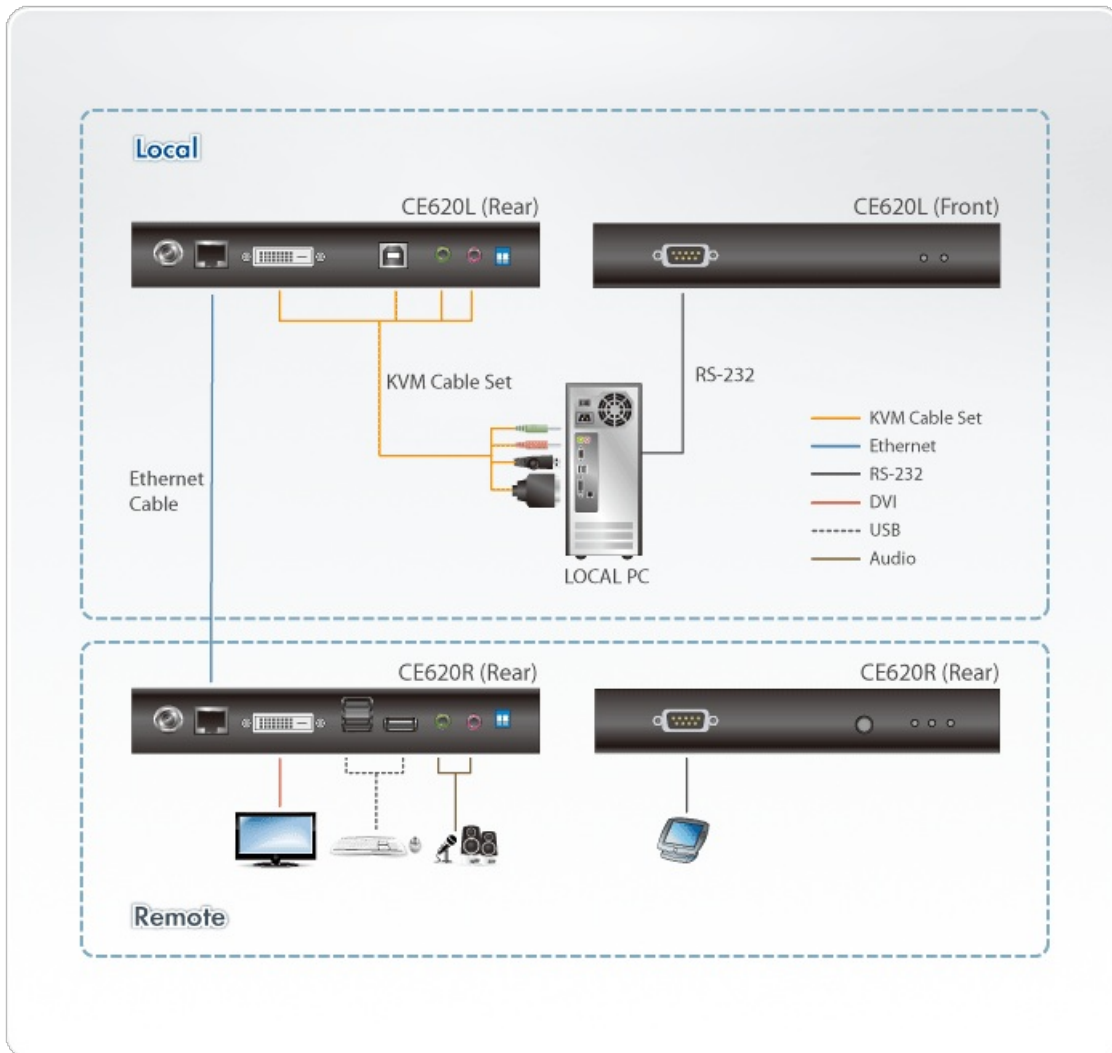
- HDBase™ 2.0 connectivity technology
    - Extends video, audio, USB and RS-232 signals via a single Ethernet cable
    - EDID Buffer for smooth power-up and the highest quality display
    - Enhanced bit error detection and correction to resist signal interference during high-quality video transmissions
  - Long distance superior video quality
    - HDBase™ Standard mode up to 1920 x 1200 @ 100 m
    - HDBase™ Long Reach mode up to 1920 x 1080 @ 150 m
  - Long Reach mode switch — switches between HDBase™ Standard and Long Reach modes in a snap
  - 3 USB 2.0 ports for keyboard/mouse and peripherals
  - Supports 2-channel PCM digital audio — ensuring highquality audio transmissions
  - Supports PC Wakeup function via pushbutton or hotkey
  - Built-in 8KV/15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)
- Note: The CE620 does not support HDCP.

### Specifications

| Function      | CE620L                                                                                                                                 | CE620R                                                                                                                         |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Connectors    |                                                                                                                                        |                                                                                                                                |
| KVM Ports     | 1 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                                                                                                                                    | 1 x DVI-D Female (White)<br>3 x USB Type A Female<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                                                                                                                                                                                                                                                | 1 (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                  | Up to 1600x1200 & 1920x1200@90m (Cat 5e) / 100m (cat 6/6a)<br>1920x1080@150m (Long reach mode enable)                                                                                                                                              | Up to 1600x1200 & 1920x1200@90m (Cat 5e) / 100m (cat 6/6a)<br>1920x1080@150m (Long reach mode enable)                                                                                                                                              |
| Power Consumption      | DC5V:2.68W:13BTU/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:5.02W:28BTU/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                 | 0.63 kg ( 1.39 lb )                                                                                                                                                                                                                                | 0.64 kg ( 1.41 lb )                                                                                                                                                                                                                                |
| Dimensions (L x W x H) | 18.20 x 12.28 x 2.87 cm<br>(7.17 x 4.83 x 1.13 in.)                                                                                                                                                                                                | 18.20 x 12.28 x 2.87 cm<br>(7.17 x 4.83 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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