Simply Better Connections

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

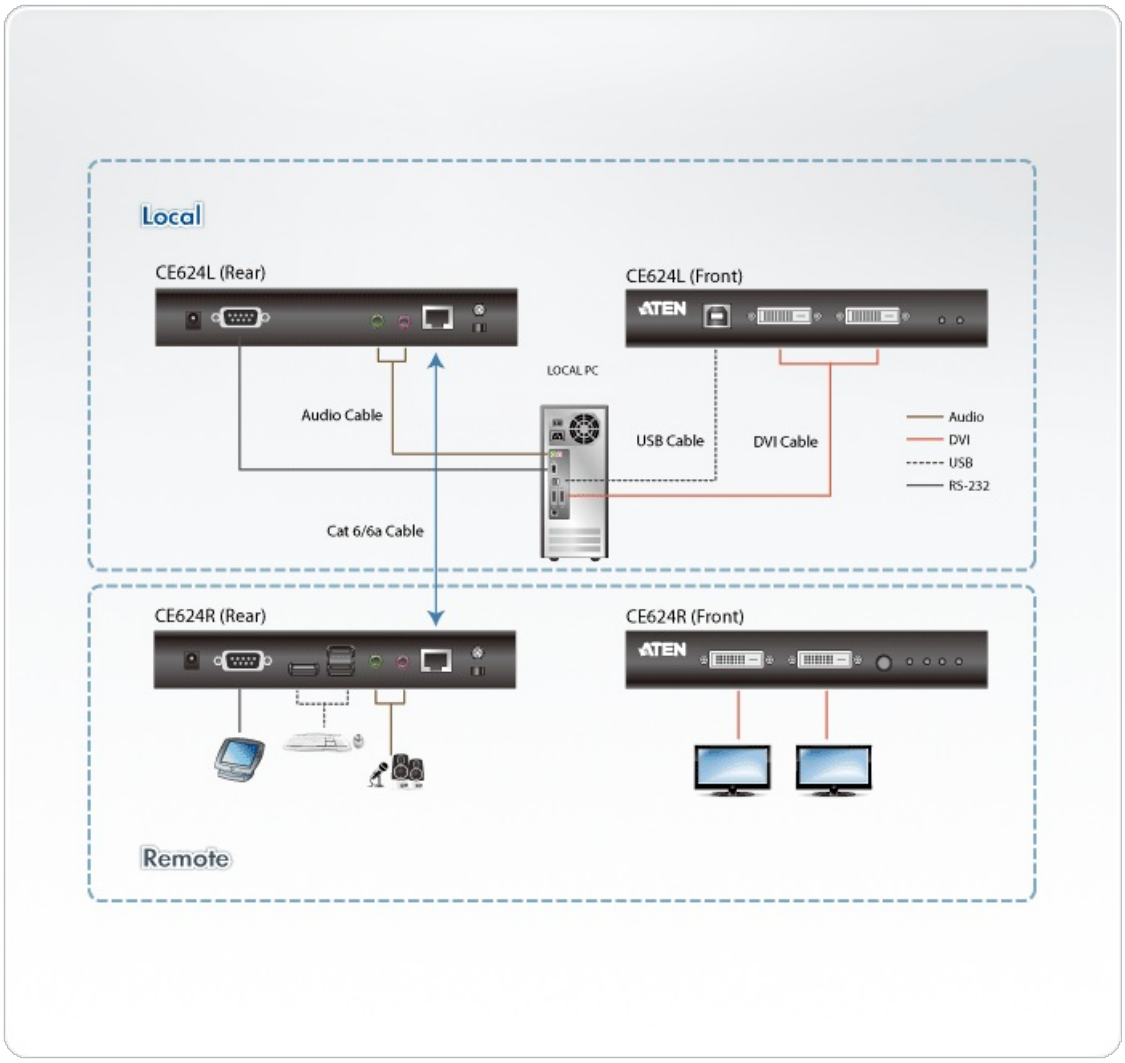
Specifications

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

Console Ports	N/A	2 x DVI-D Female (White) 3 x USB Type A Female (White) 1 x Mini Stereo Jack Female (Green) 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 Dual-view: Up to 1080p@100m	Single view: Up to 1600x1200 & 1920x1200@90m (Cat 5e) / 100m (cat 6/6a); 1080P@100m Dual-view: Up to 1080p@100m
Power Consumption	DC5V:4.93W:23BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.	DC5V:7.2W:49BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● 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 (6.86 x 6.28 x 1.13 in.)	17.42 x 15.94 x 2.88 cm (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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