Simply Better Connections

CE920L

USB DisplayPort HDBaseT™ 2.0 KVM Extender (Local Unit) (4K@100)

The ATEN CE920 USB DisplayPort HDBaseT™ 2.0 KVM Extender integrates the latest HDBaseT™ 2.0 technologies to deliver 4K video, stereo audio, USB, Ethernet, and RS-232 signals up to 100 meters using a single Cat6 / 2L-2910 Cat 6 cable. The HDBaseT™ 2.0 guarantees the most reliable transmission on the market as well as enables the long-reach capability that extends full HD 1080P signals up to 150 meters. With an easy cable installation supporting various signals, the CE920 is ideal for applications where convenient remote access is required – such as transportation control centers, medical facilities, industrial warehouses, and extended workstations.

Note: The CE920L-AT supports Ethernet function and the CE920L-ATA does not.

4K

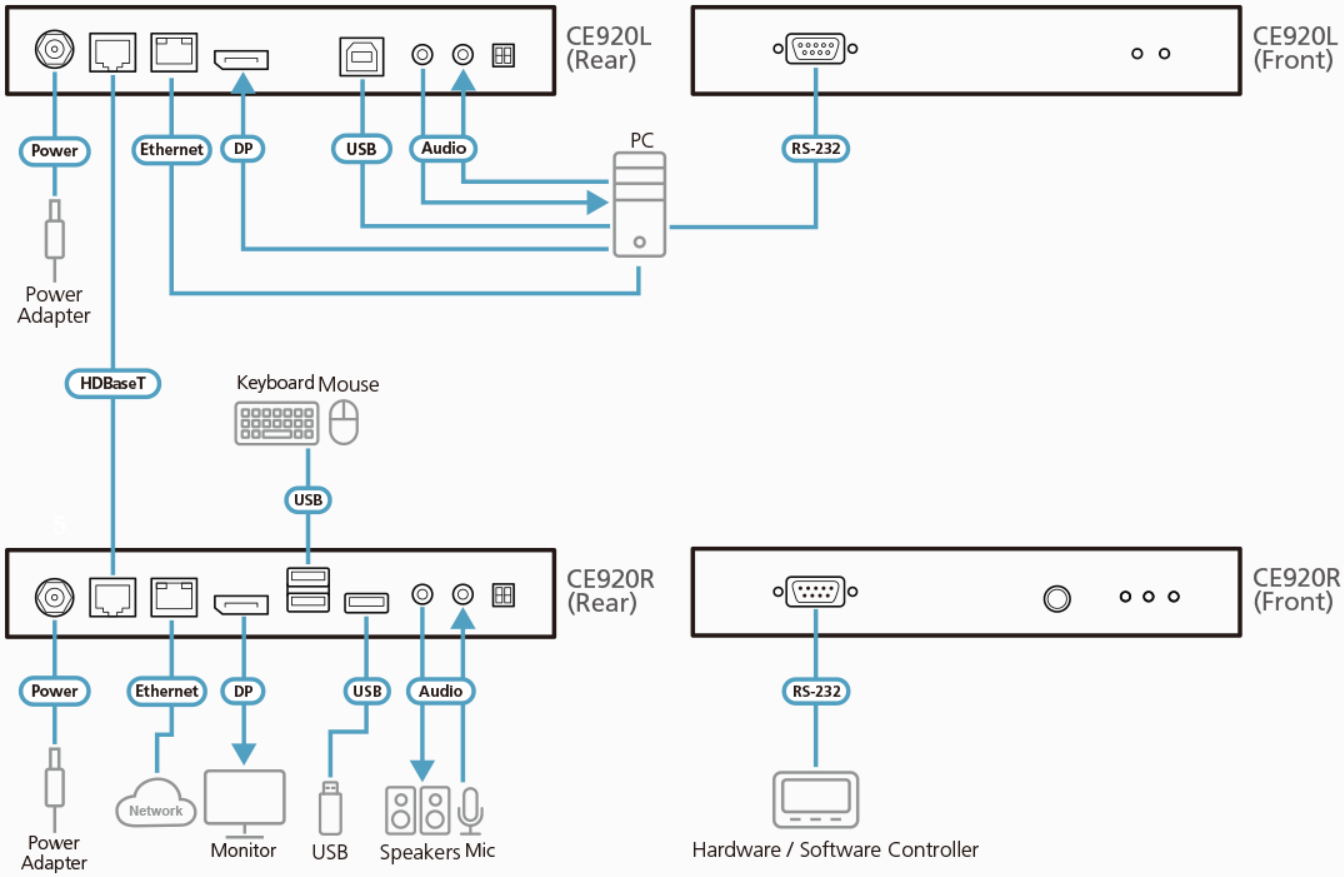
Features

- Supports HDBaseT™ 2.0 technology
  - Extends video, audio, USB, RS-232, and Ethernet signals via a single Cat6 / 6a / 2L-2910 Cat 6 cable
  - Enhanced bit error detection and correction to resist signal interference during high-quality video transmissions
  - Status detection and LED indication for HDBaseT™ signal transmission on remote unit
- EDID Buffer for smooth power-up and the highest quality display
- Long distance with superior video quality
  - HDBaseT™ Standard mode up to 4K @ 100m (Cat 6 / 6a / 2L-2910)
  - HDBaseT™ Long-Reach mode up to 1080P @ 150m
- Long Reach mode switch – switches between HDBaseT™ Standard and Long Reach modes in a snap
- USB 2.0 full speed ports – ensures fast transmission speeds for peripherals
- HDCP Compatible
- Supports individual 2-channel stereo audio for high-quality audio applications
- Supports PC wakeup function via single pushbutton
- Built-in 8KV / 15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)

Specification

Connectors	
Console Ports	N/A
KVM Ports	1 x DisplayPort Female (Black) 1 x USB Type B Female (White) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) 1 x RJ-45 Female (Black) Note: The RJ-45 ports is functional for device supporting the Ethernet port
RS-232	1 x DB-9 Female (Black)
Power	1 x DC Jack with locking
Unit To Unit	1 x RJ-45 Female (Black)
LEDs	
Power	1 (Green)
Link	1 (Orange)
Video Output	N/A
Switches	
Long Reach Mode Switch	1 x Slide Switch
Firmware Upgrade	1 x Slide Switch
Pushbuttons	
Wakeup button	N/A
Video	Up to 4K@90m (Cat 5e) / 100m (Cat 6/6a/ATEN 2L-2910 Cat6) 1080P@100m (Cat 5e/6/6a) *4K supported: 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)
Power Consumption	DC5V:3.99W:19BTU/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
Storage Temperature	-20–60°C
Humidity	0–80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	0.63 kg (1.39 lb)
Dimensions (L x W x H)	18.20 x 12.19 x 2.87 cm (7.17 x 4.8 x 1.13 in.)
Note	DisplayPort v1.1 supports up to 4Kx2K @ 30Hz. The CE920L-AT supports Ethernet function and the CE920L-ATA does not.
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



* The Ethernet port is functional for device supporting the Ethernet port only.

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