

### **CE920R**

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



The ATEN CE920 USB DisplayPort HDBaseTTM 2.0 KVM Extender integrates the latest HDBaseTTM 2.0 technologies to deliver 4K video, stereo audio, USB, Ethernet, and RS-232 signals up to 100 meters using a single Cat6 / <u>2L-2910</u> Cat 6 cable. The HDBaseT<sup>TM</sup> 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 <u>CE920</u> is ideal for applications where convenient remote access is required – such as transportation control centers, medical facilities, industrial warehouses, and extended workstations.

Note: The CE920R-AT supports Ethernet function and the CE920R-ATA does not.



#### **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)

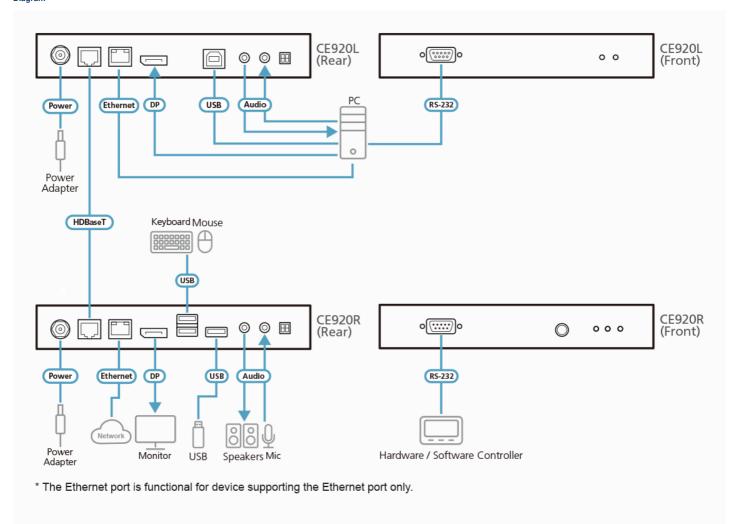


# Specification

Connectors	
Console Ports	1 x DisplayPort Female (Black) 3 x USB Type A Female 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
KVM Ports	N/A
RS-232	1 x DB-9 Male (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	1 (Orange)
Switches	
Long Reach Mode Switch	1 x Slide Switch
Firmware Upgrade	1 x Slide Switch
Pushbuttons	
Wakeup button	1 x Push button
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:6.74W:47BTU/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	0.64 kg (1.41 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 CE920R-AT supports Ethernet function and the CE920R-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



## ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan Phone: 886-2-8692-6789 Fax: 886-2-8692-6767

www.aten.com E-mail: marketing@aten.com



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