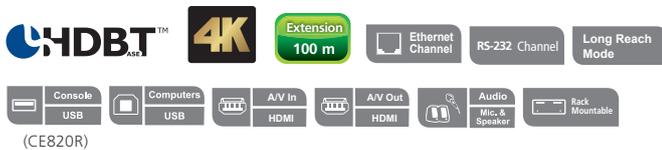


USB HDMI HDBaseT™ 2.0 KVM Extender (4K@100 m)

CE820

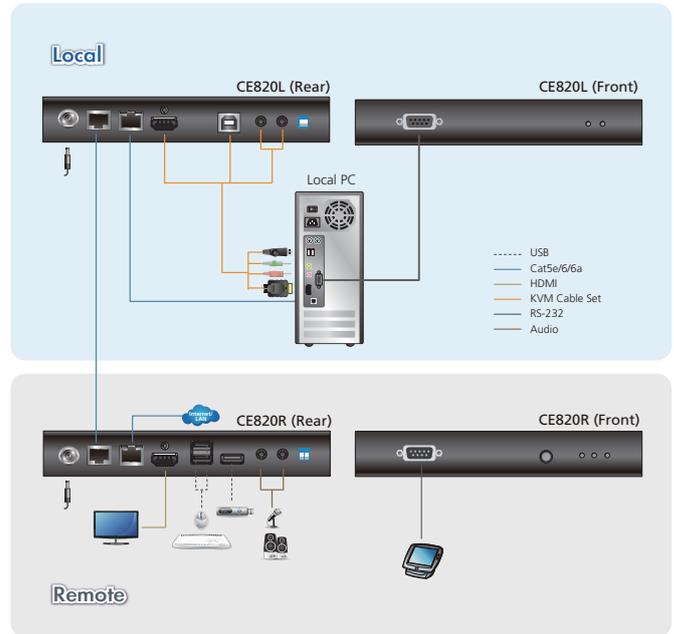
- The ATEN CE820 USB HDMI HDBaseT™ 2.0 KVM Extender integrates the latest HDBaseT™ 2.0 technologies to deliver 4K HDMI video, stereo audio, USB, Ethernet, and RS-232 signals up to 100 meters using single Cat6 / 2L-2910 Cat 6 cable. The HDBaseT™ 2.0 guarantees the most reliable transmission on the market 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 CE820 is ideal for applications where convenient remote access is required – such as transportation control centers, medical facilities, industrial warehouses, and extended workstations.



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
- HDMI (3D, Deep Color, 1080P, 4K); HDCP 2.2 Compatible
- Long distance with superior video quality
 - HDBaseT™ Standard mode up to 4K @ 100 m (Cat 6 / 6a / 2L-2910)
 - HDBaseT™ Long-Reach mode up to 1080P @ 150 m
- 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
- Supports individual 2-channel stereo audio for high-quality audio applications
- Supports PC wakeup function via single pushbutton through RS-232 channel*
- Built-in 8KV / 15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)

* The computer has to support Wake Up Ring for this function to work



Specifications

Function	CE820L	CE820R
Connectors		
Console Ports	N/A	1 x HDMI Female (Black) 3 x USB Type A Female (Green) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) 1 x RJ-45 Female (Black)
KVM Ports	1 x HDMI 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)	N/A
RS-232	1 x DB-9 Female (Black)	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	N/A	1 (Orange)
Switches		
Long Reach Mode Switch	1 x Slide Switch	
Firmware Upgrade	1 x Slide Switch	
Pushbuttons		
Wakeup button	N/A	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 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)	
Power Consumption	DC5V: 2.87W; 13BTU	DC5V: 5.37W; 40BTU
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	0.65 kg
Dimensions (L x W x H)	18.20 x 12.19 x 2.87 cm	

Product information is subject to change without prior notice.

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Publish Date: 08/2020 V3.0



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