Simply Better Connections

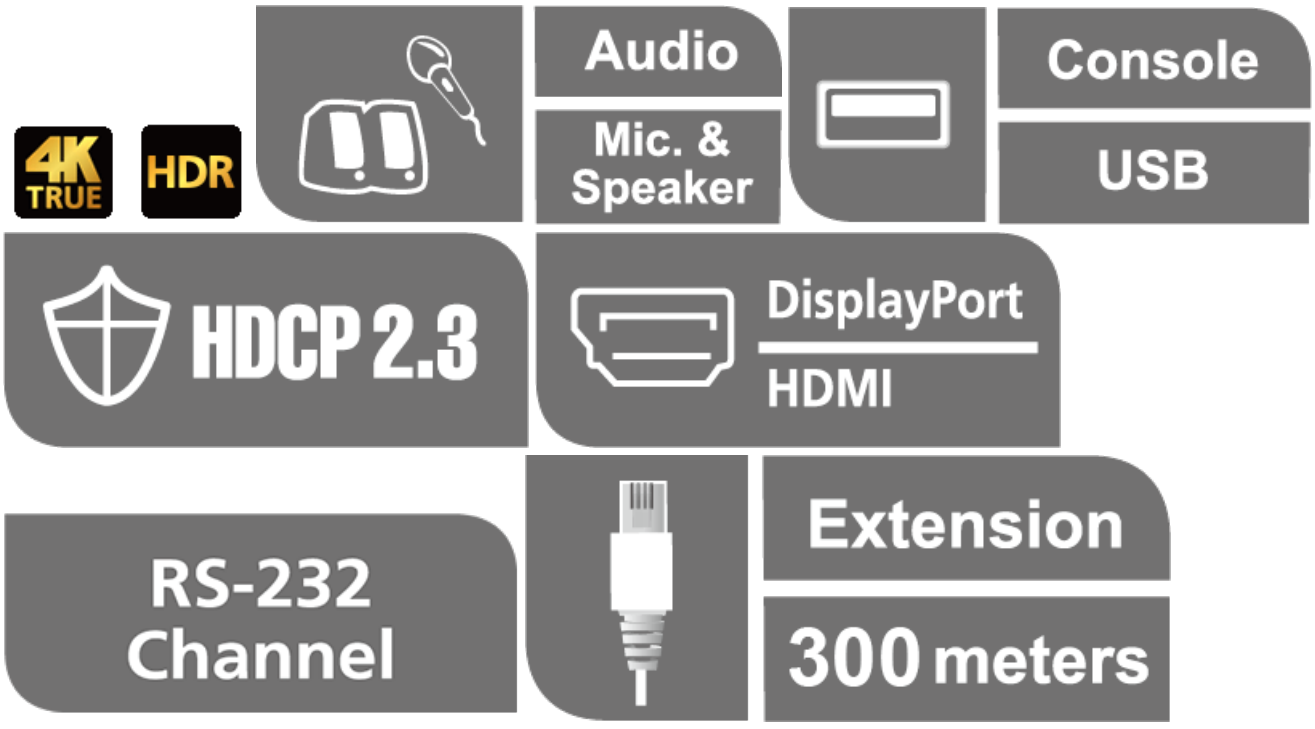
CE980

USB True 4K DisplayPort/HDMI Optical KVM Extender (True 4K @ 300 m)

The ATEN CE980 USB True 4K DisplayPort/HDMI Optical KVM Extenders ensure low-latency transmission of True 4K video and control signals up to 300 m over a single fiber optic cable. With the support for True 4K resolution (4096 x 2160 @ 60 Hz 4:4:4) and HDR 10, the CE980 delivers unparalleled video quality and full color accuracy.

Featuring a built-in DisplayPort/HDMI combo connector, the CE980 enables HDMI and DisplayPort connections on both local and remote consoles, with selectable video input/output for a flexible installation with mix and match display configurations between both ends. Along with keyboard, mouse, and video control, the CE980 also extends RS-232, USB 2.0 peripheral data, and stereo audio signals over a fiber optic cable. The privilege control function makes possible easy access management between local and remote consoles through Auto/Local/Remote pushbuttons, allowing flexible control switching based on operational requirements.

With robust capabilities and support for multiple signal transmissions over ultra-long distances, the CE980 is perfect for applications requiring high-quality, long-distance KVM operation extension, such as control rooms, healthcare facilities, post-production, manufacturing, and more.



Specifications

Function	CE980L	CE980R
Connectors		
Console Ports	4 x USB Type A Female (White) 1 x DisplayPort/HDMI Female (Black) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink)	4 x USB Type A Female (White) 1 x DisplayPort/HDMI Female (Black) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink)
KVM Ports	1 x USB Type B Female (White) 1 x DisplayPort/HDMI Female (Black) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink)	N/A
RS-232	1 x DB-9 Female (Black)	1 x DB-9 Male (Black)
Power	1 x DC Jack (Black)	1 x DC Jack (Black)
Unit To Unit	1 x bi-directional SFP+ (LC)	1 x bi-directional SFP+ (LC)
LEDs		
Console Status	3 (Orange)	3 (Orange)
Video Input	1 (Orange)	N/A
Video Output	N/A	1 (Orange)
Link	1 (Orange)	1 (Orange)
Power	1 (Green)	1 (Green)
Switches		
Operation Mode Selection	1 x Pushbutton	1 x Pushbutton
Wakeup PC	N/A	1 x Pushbutton
Fiber Optics		
Operating Distance	300 m with Multi Mode (MM) fiber (*Note)	300 m with Multi Mode (MM) fiber (*Note)
Data Rate	Single fiber: 10 Gbps	Single fiber: 10 Gbps
Power Consumption	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.	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	TBD	TBD
Dimensions (L x W x H)	TBD	TBD
Note	1. Operating distance is approximate. A typical maximum distance may vary depending on factors such as fiber type, bandwidth, connector splicing, losses, modal or chromatic dispersion, environmental factors, and kinks. 2. It is recommended that you use Multi Mode fibers that conform to IEC 11801 (OM3) specifications. 3. The Device is class 1 laser product. It meet the safety regulations of IEC-60825, FDA 21 CFR 1040.10, and FDA 21 CFR 1040.11.	1. Operating distance is approximate. A typical maximum distance may vary depending on factors such as fiber type, bandwidth, connector splicing, losses, modal or chromatic dispersion, environmental factors, and kinks. 2. It is recommended that you use Multi Mode fibers that conform to IEC 11801 (OM3) specifications. 3. The Device is class 1 laser product. It meet the safety regulations of IEC-60825, FDA 21 CFR 1040.10, and FDA 21 CFR 1040.11.
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	

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