

AVG-8KS21-201

2 x 1 HDMI 2.1 switcher with ARC and Audio de-embedding



This AVönic KVM extender is a 4x1 HDMI KVM Switcher with Hotkey Switch. It supports HDMI 2.0 and HDCP 2.2 compatibility, and supports resolutions up to 4K@60Hz 4:4:4 8bit. The four USB port KVM switcher allows users controls four source devices/computers with only one set of USB devices (e.g. USB mouse, USB keyboard, USB flash and other USB2.0 compliant devices).

The switcher features virtual interaction function, which can reduce the switching time and does not need to frequently pull the HPD signal of the source device each time. It also supports direct switching through buttons on front panel, IR Remote switching, and hotkey switching through keyboard connected to the special USB port. It provides a wide compatibility choice for different operating systems, such as Windows, Mac OS and Linux, no driver required and simple plug and play.

Features

- AVon-Link technology simplifies audio & video routing and enhances system flexibility and ease of use.
- 4 In 1 Out HDMI KVM switcher with HDMI2.0 and HDCP2.2 compliant.
- Full 18Gbps bandwidth supports 4K@60Hz 4:4:4 chroma sampling with HDR.
- One USB 1.1 port for keyboard and two USB 2.0 ports for USB devices.
- Supports button switch, IR remote switch, and hotkey switch (Keyboard must be connected to USB1.1 port).
- Supports microphone input and headphone output for audio application.
- Compatible with Windows 10/8/7 XP, Mac OS and Linux.
- No driver required, plug and play.

Specifications

Technical	
Input/output ports	2 x HDMI IN, 1 x HDMI OUT, 1 x S/PDIF OUT, 1 x FW (Micro USB), 1 x IR IN, 1 x DC 12V IN
Input/Output signal type	Up to 8K@60Hz 4:2:0 10bit in FRL mode and up to 10K@120Hz 4:2:0 12bit in DSC mode, HDCP 2.3

	<p>VESA:</p> <p>800 x 6006, 1024 x 7686, 1280 x 7686, 1280 x 8006 1280 x 9606, 1280 x 10246, 1360 x 7686, 1366 x 7686, 1440 x 9006, 1600 x 9006, 1600 x 12006, 1680 x 10506, 1920 x 12006, 2048 x 11526</p>
Input/Output Resolution Supported	<p>HDTV resolutions:</p> <p>1280 x 720P5,6,7,8, 1920 x 1080P5,6,7,8, 3840 x 2160P1,2,3,4,5,6,7,8, 4096 x 2160P1,2,3,4,5,6,7,8, 7680 x 4320P1,2,3,4,5,6 1 = at 24 (23.98) Hz, 2 = at 25 Hz, 3 = at 30 (29.97) Hz, 4 = at 48 Hz, 5 = at 50 Hz, 6 = 60 (59.94) Hz, 7 = at 100Hz, 8 = at 120Hz Note: The device can transmit signals with resolutions up to 10K@120Hz 4:2:0 12bit in DSC mode.</p>
Maximum Data Rate	<p>FRL Mode: 40Gbps TMDS Mode: 18Gbps</p>
Audio Format	<p>HDMI In/Out: up to PCM 7.1 192KHz, Dolby Digital Plus and Dolby True-HD up to 192KHz, Dolby Atmos and DTS:X S/PDIF Out: up to PCM 2CH 192KHz, Dolby Digital, Dolby Digital Plus, and DTS 5.1CH</p>

General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Power Supply	DC 12V 1A

Power Consumption (Max)	3.5W
Device Dimension (W x H x D)	140mm x 18mm x 80.2mm/5.51" x 0.71" x 3.16"
Product Weight	0.28kg/0.62lb

Transmission Distance

Cable Type	Range	Supported Video
HDMI 2.0	Input/Output: 10m/33ft	4K@30Hz
	Input/Output: 5m/16ft	4K@60Hz
HDMI 2.1	Input/Output: 5m/16ft	8K@60 4:2:0 10bit



Contact


Head Office

 Rose Gate Common, Livermore, CA-94551

 +1 (470) 301-0555

 [Avonicgroup.com](https://www.avonicgroup.com)

Branch Office

 Curtis House, 34 Third Avenue, Brighton
& Hove, Hove BN3 2PD, UK

 Strada Vasile Conta 6,
Bucureşti, 020953, Romania

 Jumeirah Lake Towers, Dubai, UAE