

AVS-HDMI41A-G HDMI (2.0) 4:1 Switcher with RS-232, IR & Front Panel Controls



The ABtUS **AVS-HDMI41A-G** is a 4:1 HDMI (2.0) switcher with RS-232, IR & front panel controls. It provides easy switching among 4 HDMI sources to your high definition display (including HDMI equipped or DVI enabled monitors). Full digital and high quality video/audio from any of these 4 sources can perfectly be transmitted to the connected high definition monitor via IR remote control or front panel button. With HDCP support, up to four HDMI/DVI sources such as PS3, DVD players, camcorders, or set-top boxes can seamlessly & simultaneously be connected to this **AVS-HDMI41A-G**.

Via IR remote control or front panel buttons, users can select which source they would like to be displayed. Auto-scan function provides quick switching on the connected sources sequentially and auto-detection function allows the device to automatically switch to the first working source among the 4 channels once powered on.

Features

- Support HDMI Deep Color
- Fully HDCP compliant
- Handy front panel button to switch any four HDMI/DVI sources
- Supports 480p, 720p, 1080i, 1080p, and VESA resolutions
- Front panel LED indicators
- Equalization on input ports and pre-emphasis on output port
- Easy installation

Technical specification

Input:	4× HDMI 1× RS-232 1× IR Receiver
Output:	1× HDMI
HDMI connector:	Type A [19-pin female]
RS-232 connector:	DE-9 [9-pin D-sub female]
HDMI compliance:	HDMI Deep Color
HDCP compliance:	Yes
Video bandwidth:	6.75Gbps
Video support:	480p / 720p / 1080i / 1080p and VESA resolutions
Transmission:	up to 15m / 50ft at 1080p
Audio support:	Surround sound (up to 7.1ch) or stereo digital audio
Input TMDS signal:	1.2 Volts [peak-to-peak]
Input DDC signal:	5 Volts [peak-to-peak]
ESD protection:	[1] Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge] [2] Core chipset — ±8kV
PCB stack-up:	4-layer board [impedance control—differential 100Ω; single 50Ω]
Fixedness:	Wall mounting case
Power supply:	5V 0.85A DC
Power consumption:	5 Watts [max]
Operation temperature:	0~40°C [32~104°F]
Storage temperature:	-20~60°C [-4~140°F]
Relative humidity:	20~90% RH [no condensation]
Gross dimension (L × W × H):	175 × 270 × 80 mm
Gross weight:	517 g