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AVG-DSS61 Compact Scaler Switcher 6x1



The AVG-DSS61 is a compact 6x1 mini scaler switcher with 6 video inputs (4 HDMI, 2 VGA), 2 auxiliary audio inputs (switched following VGA), 1 HDMI output and 3 audio outputs (1 dual-mono analog audio, 1 3.5mm stereo audio, 1 optical audio).

AVG-DSS61 switches VGA or HDMI/DVI input video signal to HDMI output. The AVG-DSS61 up-scales VGA to HDMI output and supports resolution adjustment (6 resolutions in total). It passes HDMI and provides comprehensive resolution capacities up to 4K & 1080p 3D. The unit also supports RS232&IR control and EDID management.

Features

- Control -- via Front panel buttons, RS232 commands and IR Remote
- Switch -- select any of the 6 input sources to the HDMI output
- Scale – scales VGA to HDMI output, Output resolutions selectable supporting various output resolutions, such as 1920x1200, 1920x1080, 1360x768, 1280x800, 1024x768, 1280x720
- Supports HDMI 1.4, 4Kx2K & 1080P 3D, Compliant with HDCP1.4.
- Supports EDID management
- Input switching modes: auto-switching or manual-switching
- Intuitive indicator for power states, source selection & output resolution selection
- Supports online firmware upgrades
- Compact design for easy operation
- Supports power-off memory function
- Supports hot plugging

Specification

Video Input		Video Output	
Input	4 HDMI, 2 VGA	Output	1 HDMI
Input Connector	4 female HDMI (Type-A) 2 female VGA (15Pin)	Output Connector	1 female HDMI
Video Signal	HDMI/DVI,VGA	Video Signal	HDMI
Video General			
Resolution	HDMI: up to 4Kx2K VGA: output resolution selectable		
Standard	Compliant with VGA&DVI HDMI1.4, HDCP 1.4		
Audio Input		Audio Output	
Input	2 stereo audio for VGA	Output	1 Dual-Mono analog audio 1 stereo audio 1 optical audio
Input Connector	1 3.5mm jack	Output Connector	1 3-pin pluggable terminal block (3.81mm) 1 3.5mm jack 1 SPF fiber connector
Audio General			
Frequency Response	20Hz~20K Hz	Stereo Channel Separation	>80dB @1KHz
Audio Format	HDMI embedded audio: PCM, Dolby,		
Control Parts			
Control Ports	RS232, IR remote	Pin Configuration	2 = TX, 3 = RX, 5 = GND
Panel Control	Front Panel Button		
General			
Power supply	DC 5V 3A	Power Consumption	3.8 (Max)
Dimension (W*H*D)	W347 x H28 x D110 mm	Weight	0.63Kg
Temperature	0~ 45°C	Reference Humidity	10% ~ 90%

Note: AVG-DSS61 supports 4k&1080p 3D HDMI signal, please adopt quality HDMI cables compliant with HDMI1.4 for reliable transmission when connecting