

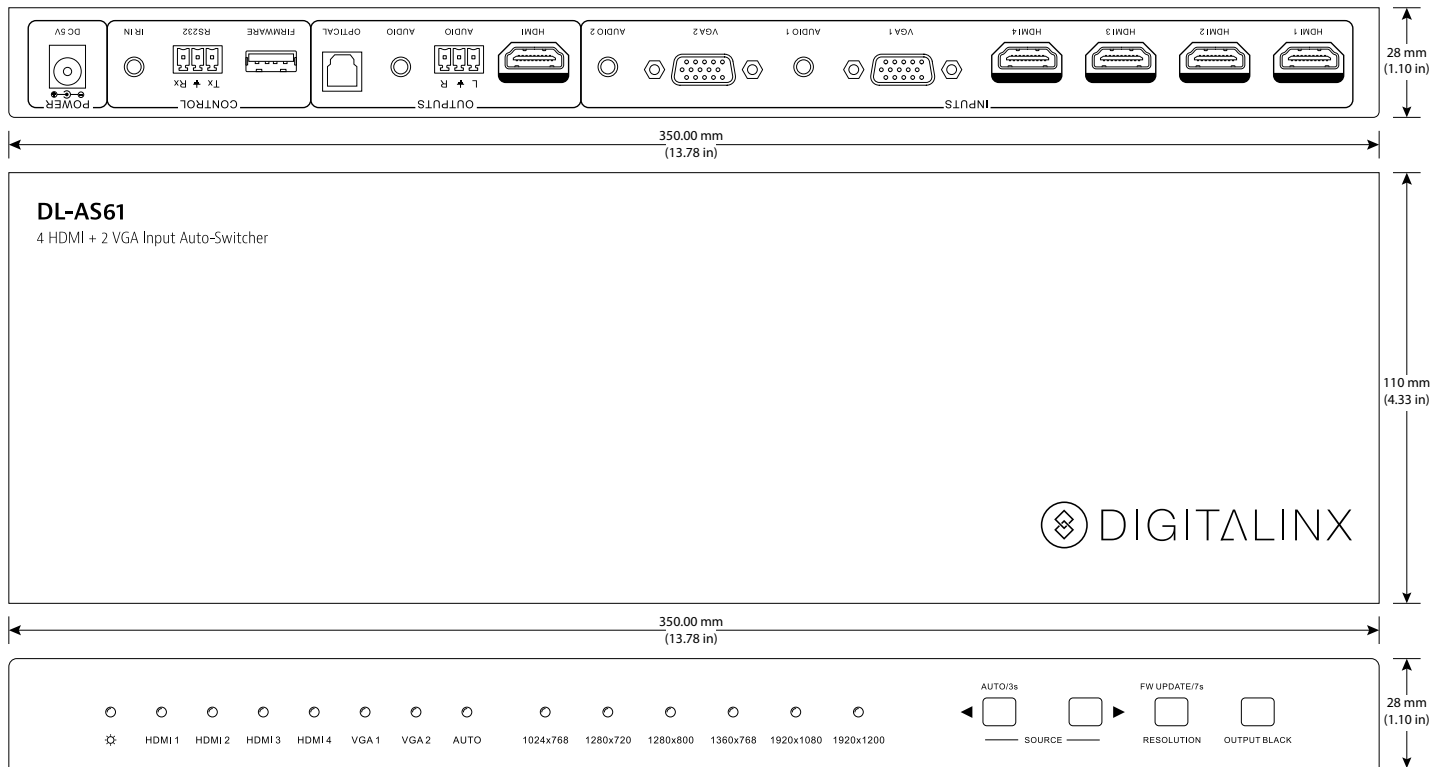
DL-AS61 Technical Specifications

DigitalLinX Four HDMI and Two VGA Input to One Output Auto-Switcher
Rev 150708

The DigitalLinX DL-AS61 is a compact multi-format switcher with support for video resolutions up to UHD (3840x2160). With multiple built-in EDID settings, including an EDID pass-through option, the highest quality digital video signal will be routed directly to the display. When a VGA video signal is connected, the video signal will be scaled up to 1920x1200.

The DL-AS61 supports stereo and multichannel audio on the HDMI inputs. The analog audio paired with the VGA inputs is embedded into the digital video stream. In addition to the audio embedded in the HDMI output stream, which may be muted, the audio is simultaneously de-embedded to a digital optical audio output and two analog audio outputs: 3.5mm TRS and 3-pin removable terminal block.

The DL-AS61 features multiple methods of control. When set to Auto, the switcher will automatically switch to the newest source device added to the DL-AS61; when the active source is removed, the DL-AS61 will switch to the lowest numbered input. The DL-AS61 may be manually controlled by switching via the front panel, IR or RS232.



I/O Connections	
HDMI Inputs	Four (4) HDMI Type A Receptacle
VGA Inputs	Two (2) Female HD15-F Connector
Analog Audio Inputs	Two (2) 3.5mm TRS Jack
HDMI Output	One (1) HDMI Type A Receptacle
Digital (Optical) Audio Output	One (1) EIAJ Optical Connector
Analog Audio Outputs	One (1) 3.5mm TRS Jack, One (1) 3-Pole/3.5mm Euroblock
IR Input	One (1) 3.5mm TRS Jack
RS232	One (1) 3-Pole/3.5mm Euroblock
5V DC Power	One (1) Threaded Barrel (5.5 mm OD; 2.6 mm ID)
Front Panel Control	Four (4) Pushbuttons
Firmware	One (1) USB Type A Receptacle
Supported Audio, Video, and Control	
Supported Input Resolutions (HDMI/DVI)	800x600@60Hz, 800x600@72Hz, 800x600@75Hz, 1024x768@42Hz, 1024x768@60Hz, 1024x768@70Hz, 1024x768@75Hz, 1024x768@85Hz, 1152x864@75Hz, 1280x768@60Hz, 1280x768@75Hz, 1280x768@85Hz, 1280x960@60Hz, 1280x960@85Hz, 1280x1024@60Hz, 1280x1024@75Hz, 1280x1024@85Hz, 1365x1024@60Hz, 1365x1024@75Hz, 1600x1024@60Hz, 1600x1024@75Hz, 1600x1200@60Hz, 1600x1200@65Hz, 1600x1200@70Hz, 1600x1200@75Hz, 1600x1200@85Hz, 1680x1050@60Hz, 1792x1344@60Hz, 1856x1392@60Hz, 1856x1392@75Hz, 1920x1080@60Hz, 1920x1200@60Hz, 1920x1440@60Hz, 3840x2160@24Hz, 3840x2160@30Hz, 3840x2160@25Hz, 4096x2160@24Hz, 4096x2160@25Hz, 4096x2160@30Hz
Supported Input Resolutions (VGA)	800x600@60Hz, 800x600@72Hz, 800x600@75Hz, 1024x768@60Hz, 1024x768@70Hz, 1024x768@75Hz, 1280x768@60Hz, 1280x768@75Hz, 1280x960@60Hz, 1280x1024@60Hz, 1280x1024@75Hz, 1365x1024@60Hz, 1365x1024@75Hz, 1600x1024@60Hz, 1600x1200@60Hz, 1600x1200@65Hz, 1600x1200@70Hz, 1600x1200@75Hz, 1680x1050@60Hz, 1792x1344@60Hz, 1920x1080@60Hz, 1920x1200@60Hz
VGA Scaling Resolutions	1024x768@60Hz, 1280x720@60Hz, 1280x800@60Hz, 1360x768@60Hz, 1920x1080@60Hz, 1920x1200@60Hz
Video Compliance	HDMI, HDCP
HDMI EDID	Pass-through from Display, 1080p/PCM 2ch, 1080p/PCM 6ch, 1080p3D/PCM 6ch, 1080i/PCM 2 ch, 4k@30/PCM 2ch
VGA EDID	1360x768
Embedded Audio Input/Output	Up to PCM 6 channel
Digital (Optical) Audio Output	PCM: 6 channel (5.1) at 16, 20, or 24 bit
Analog Audio Frequency Response	20Hz-20KHz
Analog Audio Input Impedance	>10k ohm
Analog Audio Output Impedance	50 ohm
Input DDC Signal	5.0 volts p-p (TTL)
Input Video Signal	0.5 to 1.0 volts p-p
Maximum Passive HDMI Distance	5 m (16 ft)
IR Carrier Frequency Range	33-55kHz at 5 volts
RS232 Baud Rate	9600 baud
Chassis and Environmental	
Enclosure	Painted aluminum
Dimensions (H x W x D)	28 mm x 350 mm x 110 mm (1.10 in x 13.78 in x 4.33 in)
Shipping Weight	0.82 kg (1.8 lbs.)
Operating Temperature (Environment)	0° to +40° C (+32° to +104° F)
Operating Temperature (Chassis)	31° C (88° F) (S); 38° C (100° F) (R)
Operating Humidity (Environment)	20% to 90%, Non-condensing
Storage Temperature (Environment)	-10° to +60° C (+14° to +140° F)
Storage Humidity (Environment)	20% to 90%, Non-condensing
Power, ESD, and Regulatory	
Maximum Power Consumption	3.8 watts
Power Supply Input Voltage	100-240v AC at 50/60 Hz at 0.45 A
Power Supply Output Rating	5V DC at 3 A
ESD Protection	15kV
Device Regulatory	CE, FCC, RoHS
Power Supply Regulatory	CE, RoHS, UL, SGS, FCC
Other	
Standard Warranty	2 Years
Diagnostic Indicators	Power, Selected Input, VGA Output Resolution
Included Items	Installation guide, power supply, AC adapters (AU, EU, UK, and US), RS232 cable, IR receiver, IR remote with batteries, rubber feet, mounting "L" brackets (2 ea), mounting screws (4 ea)

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches.