

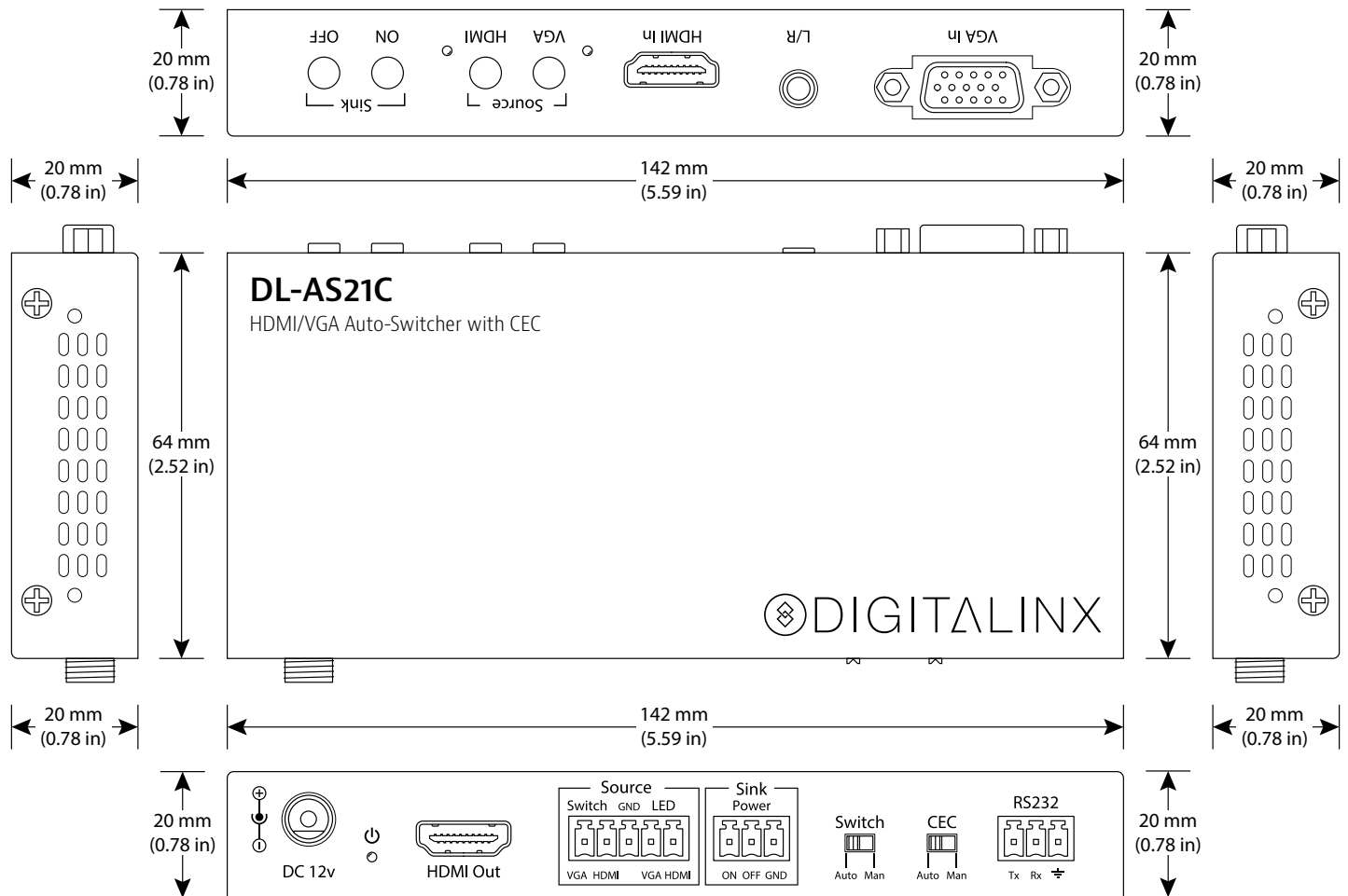
DL-AS21C Technical Specifications

DigitalInx HDMI/VGA Auto-Switcher with CEC
Rev 150723

The DigitalInx DL-AS21C is a compact multi-format switcher with support for video resolutions up to UHD (4096x2160). Featuring one HDMI input and one VGA input with stereo audio, the DL-AS21C automatically or manually switches either input to a single HDMI output.

The DL-AS21C features multiple methods of control. When set to Auto, the switcher will automatically switch to the newest source device added to the DL-AS21C with VGA taking precedence should multiple sources be live simultaneously. The DL-AS21C may be manually controlled by switching via the front panel, RS232, or contact closure.

As an added benefit, the DL-AS21C features a built-in CEC controller to power on/off the connected display by auto-selecting the source device's status.



I/O Connections	
HDMI Input	One (1) HDMI Type A Receptacle
VGA Input	One (1) Female HD15-F Connector
Analog Audio Input	One (1) 3.5mm TRS Jack
HDMI Output	One (1) HDMI Type A Receptacle
RS232	One (1) 3-Pole/3.5mm Euroblock
CEC On/Off Contact Closure	One (1) 3-Pole/3.5mm Euroblock
HDMI/VGA Select Contact Closure with LED	One (1) 5-Pole/3.5mm Euroblock
Auto Mode Switch	One (1) Two-position Switch
CEC On/Off Switch	One (1) Two-position Switch
12V DC Power	One (1) Threaded Barrel (5.5 mm OD; 2.6 mm ID)
Front Panel Control	Four (4) Pushbuttons
Supported Audio, Video, and Control	
Supported Broadcast HDMI Input Resolutions	480p: 59.94/60 Hz, 576p: 50 Hz, 720p: 25/29.97/30/50/59.94/60 Hz; 1080i: 50/59.94/60 Hz; 1080p: 23.98/24/25/29.97/30/50/59.94/60 Hz; 4096x2160/3840x2160: 24/25/30 Hz; 4096x2160/3840x2160 (4:2:0): 50/60 Hz
Supported DVI-based HDMI Input Resolutions (all at 60 Hz)	640x480, 720x576, 800x600, 1024x768, 1280x720, 1280x800, 1280x1024, 1360x768, 1366x768, 1440x900, 1400x1050, 1600x900, 1600x1200, 1680x1050, 1920x1080, 1920x1200
Supported VGA Input Resolutions (all at 60 Hz)	640x480, 720x576, 800x600, 1024x768, 1280x720, 1280x800, 1280x1024, 1360x768, 1366x768, 1440x900, 1400x1050, 1600x900, 1600x1200, 1680x1050, 1920x1080, 1920x1200
Video Compliance	HDMI, HDCP
HDMI EDID	Pass-through from Display
VGA EDID (set via RS232)	1024x768, 1280x720, 1280x800, 1600x1200, 1920x1080 (default), 1920x1200
Embedded Audio Input/Output	PCM 2 channel; AAC 5.1
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)
RS232 Baud Rate	9600 baud
CEC	On and Off to display only
Chassis and Environmental	
Enclosure	Painted steel
Dimensions (H x W x D)	20 mm x 142 mm x 64 mm (0.78 in x 5.59 in x 2.52 in)
Shipping Weight	0.48 kg (1.06 lbs.)
Operating Temperature (Environment)	0° to +40° C (+32° to +104° F)
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	RoHS
Power Supply Regulatory	CE, RoHS, UL, TUV, FCC
Other	
Standard Warranty	2 Years
Diagnostic Indicators	Power, Selected Input
Included Items	Installation guide, power supply, AC adapter (US), three pole terminal blocks (2 ea), five pole terminal blocks (1 ea), 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.