

## VGA-HD Technical Specifications

VGA with Stereo Audio to HDMI Converter

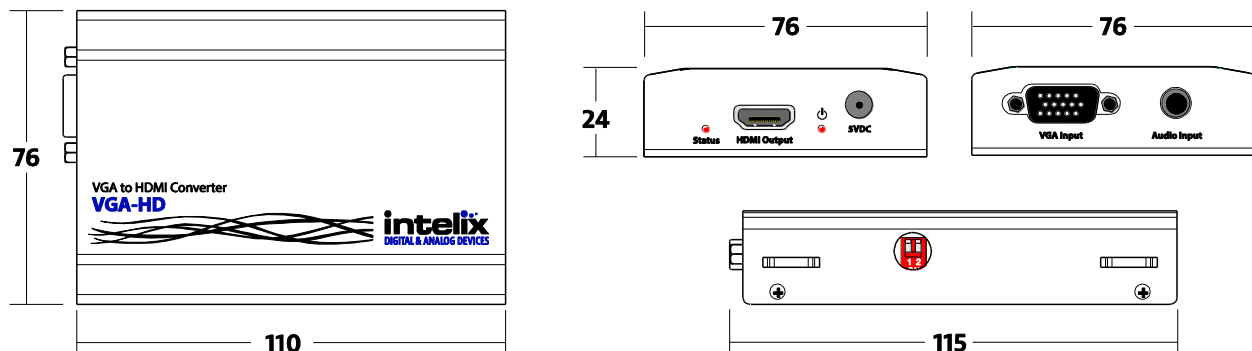
Rev. 130211



The Intelix VGA-HD converts computer video and stereo audio to HDMI. The unit passes through native resolutions **without scaling** to ensure picture quality.

The VGA-HD features built-in EDID tables that pass common resolutions (1920x1080 and 1280x720) back to the source device.

The VGA-HD also has a dynamic EDID compatibility function. The unit reads the EDID information from a destination device, compares the accepted resolutions of the destination device to a compatibility table stored on the VGA-HD, and passes modified EDID information back to the source device. The modified EDID information will only contain video resolutions that are contained in both the compatibility table (on the VGA-HD) and the destination device EDID.



Technical Specifications	
<b>I/O Connections</b>	
VGA Input	One (1) Female HD15
Audio Input	One (1) 3.5 mm TRS
HDMI Output	One (1) HDMI Type A Receptacle Connector
5V DC Power	One (1) 5.5 mm Outside Diameter, 2.1 mm Inside Diameter Barrel
<b>Supported Audio and Video</b>	
Video Input Resolutions	Deep Color 36/30/24 Bit at 1080p
Audio Input Format	Analog stereo audio (-10dBv)
Video Output Resolutions	640x480, 800x600, 1024x768, 1280x768, 1280x800, 1280x1024, 1360x768, 1366x768, 1440x900 @ 50/60/75 Hz 1400x1050, 1600x1200, 1680x1050, 1920x1200 @ 50/60 Hz 480p @ 59.94/60 Hz 576p @ 50 Hz 720p @ 25/29.97/30/50/59.94/60 Hz 1080p @ 23.98/25/29.97/30/50/59.94/60/75 Hz
Embedded Audio	2 channel PCM @ 48 kHz
<b>Chassis and Environmental</b>	
Enclosure	Painted Steel
Dimensions	110mm x 76mm x 24mm (4.33 in. x 2.99 in. x 0.95 in.)
Shipping Weight	1.2 kg (2.6 lbs)
Operating Temperature	0° to +40° C (+32° to +104° F)
Operating Humidity	20% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	20% to 90%, Non-condensing
<b>Power, ESD, and Regulatory</b>	
Power Supply	5vDC / 2A
ESD Protection	15kV
Regulatory	CE, RoHS
<b>Other</b>	
Warranty	2 years
Diagnostic Indicators	Status and power LEDs
Included Accessories	US Power Supply, Installation Guide, Intelix Screwdriver
Mounting Solution	DIGI-PMK1