

HDMI to VGA/Component and Stereo Audio Format Converter



Introduction

The Atlona AT-HD420 converts HDMI to a VGA or component output plus stereo audio. It enables an HDMI source to connect to a VGA display. Its high bandwidth capability supports a wide range of sources and displays, with resolutions up to 1920x1200 or 1080p. The converter is also capable of de-embedding audio from the HDMI source and converting it to a stereo analog 1/8-inch interface. This will allow the user to connect it to a set of speakers, an AVR or any other audio device.

Key Features

- Supports HDMI input and VGA or component output.
- Allows user to select between VGA or component video output interface.
- Supports VGA VESA resolutions up to 1920×1200 or component video up to 1920x1080.
- Embedded EDID will simplify the installation procedure. The HD420 will sync up with the source and let the source know to start outputting RGB or YPrPb format depending on the output selection and switch audio to stereo or PCM.
- HDMI and DVI compliant.
- DVI Compatible. You can use the HD420 for down converting DVI to VGA or DVI to component video.



The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI licensing Administrator, Inc.

AT-HD420



HDMI to VGA/Component and Stereo Audio Format Converter

Specifications

Video				
Signal	HDMI			
Copy Protection	HDCP Non Compliant			
UHD/HD/SD	1080p@60/59.9/50/30/29. 24/23.98Hz 1080i@30/29.97/25Hz 720p@60/59.94/50Hz	.97/25/ 576p@50Hz 576i@25Hz 480p@60/59 480i@30Hz		
VESA All resolutions are 60Hz	1920×1200 1680×1050 1600×1200 1440×900 1400×1050 1360×768	1366×768 1280×1024 1280×800 1024×768 800×600 640×480		
Color Space	YCbCr, xvYCC			
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0			
Color Depth	8-bit, 10-bit, 12-bit			
Audio				
HDMI In	PCM 2.0 LPCM 5.1	Dolby [®] Digital Dolby Digital Plus™	DTS [®] Digital Surround™	
Bit Depth	up to 24-bit			
Analog Audio Out				
Format	PCM, Stereo 2-Channel			
Sample Rate	32 kHz, 44.1 kHz, 48 kHz,	, 88.2 kHz, 96 kHz		
Resolution / Distance	1080p - Feet	1000 - Ma	1080p - Meters	
Hesolution/ Distance	1000b - Leer	TU8UP - ME	ters	
HDMI IN	30	1080p - Me	ters	
	·	·	ters	
HDMI IN Environmental	30	10	ters	
HDMI IN Environmental Operating	30 Fahrenheit 32 to 104	Celsius 0 to 40	ters	
HDMI IN Environmental	30 Fahrenheit	10 Celsius 0 to 40 -20 to 60	ters	
HDMI IN Environmental Operating Storage Humidity (RH)	30 Fahrenheit 32 to 104 -4 to 140	10 Celsius 0 to 40 -20 to 60	ters	
Environmental Operating Storage Humidity (RH) Power	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder	10 Celsius 0 to 40 -20 to 60	ters	
HDMI IN Environmental Operating Storage Humidity (RH) Power Consumption	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder 3.3 W	10 Celsius 0 to 40 -20 to 60 nsing	ters	
Environmental Operating Storage Humidity (RH) Power	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder	10 Celsius 0 to 40 -20 to 60 nsing	ters	
Environmental Operating Storage Humidity (RH) Power Consumption Supply	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder 3.3 W Input: AC100~240V 50/60 Output: DC 5V / 1A	10 Celsius 0 to 40 -20 to 60 nsing	ters	
Environmental Operating Storage Humidity (RH) Power Consumption Supply Dimensions	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder 3.3 W Input: AC100~240V 50/60 Output: DC 5V / 1A Inches	Celsius 0 to 40 -20 to 60 nsing OHz Millimeters		
Environmental Operating Storage Humidity (RH) Power Consumption Supply	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder 3.3 W Input: AC100~240V 50/60 Output: DC 5V / 1A	10 Celsius 0 to 40 -20 to 60 nsing		
Environmental Operating Storage Humidity (RH) Power Consumption Supply Dimensions	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder 3.3 W Input: AC100~240V 50/60 Output: DC 5V / 1A Inches	Celsius 0 to 40 -20 to 60 nsing OHz Millimeters		
Environmental Operating Storage Humidity (RH) Power Consumption Supply Dimensions H x W x D	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder 3.3 W Input: AC100~240V 50/60 Output: DC 5V / 1A Inches 1.18 x 2.99 x 3.62	Celsius 0 to 40 -20 to 60 nsing Millimeters 30 x 76 x 92		
Environmental Operating Storage Humidity (RH) Power Consumption Supply Dimensions H x W x D Weight	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder 3.3 W Input: AC100~240V 50/60 Output: DC 5V / 1A Inches 1.18 x 2.99 x 3.62 Pounds	Celsius 0 to 40 -20 to 60 nsing Millimeters 30 x 76 x 92 Kilograms		
Environmental Operating Storage Humidity (RH) Power Consumption Supply Dimensions H x W x D Weight Unit	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder 3.3 W Input: AC100~240V 50/60 Output: DC 5V / 1A Inches 1.18 x 2.99 x 3.62 Pounds	Celsius 0 to 40 -20 to 60 nsing Millimeters 30 x 76 x 92 Kilograms		
Environmental Operating Storage Humidity (RH) Power Consumption Supply Dimensions H x W x D Weight Unit Certification	30 Fahrenheit 32 to 104 -4 to 140 20% to 60%, non-conder 3.3 W Input: AC100~240V 50/60 Output: DC 5V / 1A Inches 1.18 x 2.99 x 3.62 Pounds 0.38	Celsius 0 to 40 -20 to 60 nsing Millimeters 30 x 76 x 92 Kilograms		

^{© 2020} Attona Inc. All rights reserved. "Attona" and the Attona logo are registered trademarks of Attona Inc. All other brand names and trademarks or registered trademarks are the property of their respective owners. Pricing, specifications and availability subject to change without notice. Actual products, product images, and online product images may vary from images shown here.