



Introduction

The Atлона 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 1920x1200 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.

Specifications

Video		
Signal	HDMI	
Copy Protection	HDCP Non Compliant	
UHD/HD/SD	1080p@60/59.9/50/30/29.97/25/ 24/23.98Hz 1080i@30/29.97/25Hz 720p@60/59.94/50Hz	576p@50Hz 576i@25Hz 480p@60/59.96Hz 480i@30Hz
VESA	1920x1200 1680x1050 1600x1200 1440x900 1400x1050 1360x768	1366x768 1280x1024 1280x800 1024x768 800x600 640x480
All resolutions are 60Hz		
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	1080p - Meters
HDMI IN	30	10

Environmental	Fahrenheit	Celsius
Operating	32 to 104	0 to 40
Storage	-4 to 140	-20 to 60
Humidity (RH)	20% to 60%, non-condensing	

Power	
Consumption	3.3 W
Supply	Input: AC100~240V 50/60Hz Output: DC 5V / 1A

Dimensions	Inches	Millimeters
H x W x D	1.18 x 2.99 x 3.62	30 x 76 x 92

Weight	Pounds	Kilograms
Unit	0.38	0.17

Certification	
Device	CE, FCC
Supply	CE, FCC, cULus, RoHS