



Introduction

The HDMI Up/Down Scaler/Converter is designed to allow a user to match the native resolution of a different display when multiple are used. The HD550 is mainly designed to be used with standard displays, HDMI Matrix switches, HDMI distribution amplifiers, and many other applications where HDMI is used. When there is a set up with multiple displays that have a mismatched resolutions capability the AT-HD550 can be used to down convert or scale the displays with a higher resolution to match the displays that are incapable of outputting higher resolutions.

Key Features

- Compact design
- Plug and play
- Manual tuning for quick adjustments
- HDCP 1.1, and DVI 1.0 compliant
- Supports up to 36-bit deep color
- Supported resolutions: 480@60, 720@60, 1080@60, and other resolutions up to 1920×1200
- Interlace to progressive conversion



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



Specifications

Video				
Signal	HDMI, DVI 1.0			
Copy Protection	HDCP 1.1			
Pixel Clock	300MHz			
UHD/HD/SD	1080p@60/59.9/50/30/29.9 24/23.98Hz 1080i@30/29.97/25Hz 720p@60/59.94/50Hz	576i@2	5Hz 60/59.96Hz	
VESA All resolutions are 60Hz	1920×1200 1680×1050 1600×1200 1440×900 1400×1050 1360×768	1366×7 1280×1 1280×8 1024×7 800×60 640×48	024 00 68 0	
Color Space	YCbCr, xvYCC		-	
Chroma Subsampling Color Depth	4:4:4, 4:2:2, 4:2:0 8-bit, 10-bit, 12-bit			
Audio				
HDMI	PCM 2.0	Dolby [®] Digital	DTS [®] Digital Surround™	
Pass-Through Formats	LPCM 5.1 LPCM 7.1	Dolby Digital Plus™	DTS [®] Digital Surround	
Bit Depth	up to 24-bit			
Sample Rate	32 kHz, 44.1 kHz, 48 kHz,	88.2 kHz, 96 kHz		
		4000		
Resolution / Distance			1080p - Meters	
HDMI IN/OUT	30	10		
Connectors				
HDMI IN		1 - Type A, 19-pin female		
HDMI OUT		1 - Type A, 19-pin female		
PWR	1 - DC 5V			
Environmental	Fahrenheit	Celsius		
Operating	32 to 104 0 to 40			
Storage	-4 to 140 -20 to 60			
-	-4 to 140	-20 to 6	50	
Humidity (RH)	20% to 60%, non-condens		50	
Humidity (RH) Power			50	
			50	
Power	20% to 60%, non-condens	sing	50	
Power Consumption Supply	20% to 60%, non-condens 2.7 W Input: AC100~240V 50/60 Output: DC 5V / 1A	sing Hz		
Power Consumption Supply Dimensions	20% to 60%, non-condens 2.7 W Input: AC100~240V 50/60I Output: DC 5V / 1A Inches	sing Hz Millime	ters	
Power Consumption Supply	20% to 60%, non-condens 2.7 W Input: AC100~240V 50/60 Output: DC 5V / 1A	sing Hz	ters	
Power Consumption Supply Dimensions H x W x D	20% to 60%, non-condens 2.7 W Input: AC100~240V 50/60 Output: DC 5V / 1A Inches 1.02 x 4.49 x 2.56	sing Hz Millime 26 x 11	ters 4 x 65	
Power Consumption Supply Dimensions	20% to 60%, non-condens 2.7 W Input: AC100~240V 50/60I Output: DC 5V / 1A Inches	sing Hz Millime	ters 4 x 65	



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

Accessories

SKU	Description
AT-LC-H2H-1M	LinkConnect HDMI to HDMI 1 Meter Cable
AT-LC-H2H-2M	LinkConnect HDMI to HDMI 2 Meter Cable
AT-LC-H2H-3M	LinkConnect HDMI to HDMI 3 Meter Cable

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