

VGA & Audio to HDMI Format Converter

PANEL ILLUSTRATIONS



CON-610

#	Connector	Function
A	Power	+5V DC latch-locking
B	Red LED	Power indicator
C	HDMI	HDMI output
D	Green LED	HDMI detection

CON-610

#	Connector	Function
E	2-pin DIP	Mode setting
F	VGA	VGA input
G	3.5mm	Analog audio input
H	S/PDIF	Digital audio input

FEATURES

- HDMI 1.2a Compliant
- PC video supports up to UXGA (1600x1200) or WUXGA (1920x1200)
- Supports most popular VESA resolutions from 640x480 up to WUXGA
- Front panel LED indicators
- Easy installation

PACKAGE CONTENTS



SPECIFICATIONS

Technical		CON-610
Role of usage		Format converter
HDMI compliance		HDMI 1.2a
DVI compliance		N/A
Video Bandwidth		165MHz [4.95Gbps]
Video support		Up to single link: 1080p60, WUXGA [1920x1200@60Hz], UXGA
Audio support		S/PDIF / stereo audio
PCB stack-up		4-layer board [impedance control — differential 100Ω; single 50Ω]
Output video signal		1.2 Volts [peak-to-peak]
Output DDC signal		5 Volts [peak-to-peak, TTL]
Input		1x VGA 1x RCA 1x 3.5mm
Output		1x HDMI
HDMI connector		Type A [19-pin female]
VGA connector		HD-15 [15-pin D-sub female]
RCA connector		Coaxial S/PDIF digital audio [PCM 48kHz]
3.5mm connector		Analog stereo audio
Control Switch		2-pin DIP switch
Mechanical		
Housing		Metal enclosure
Dimensions	Model	126 x 102 x 25mm [5" x 4" x 1"]
	Package	270 x 175 x 80mm [10.6" x 6.9" x 3.1"]
Weight	Model	345g [12oz]
	Package	705g [1.6 lbs]
Power supply		5V 2A DC
Power consumption		4 Watts [max]
Operation temperature		0~40°C [32~104°F]
Storage temperature		-20~60°C [-4~140°F]
Relative humidity		20~90% RH [no condensation]