



# 280563

## HDMI Audio & Video Scaler

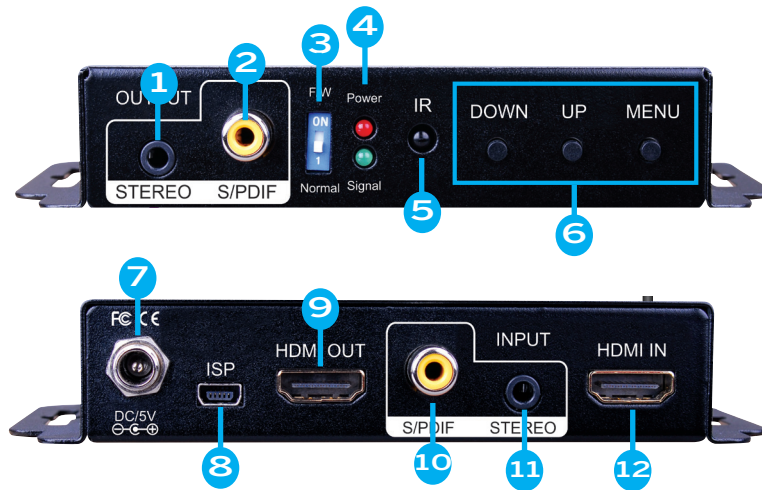


- HDMI Resolution Scaler with Audio Embedding/ De-embedding and Video Calibration
- Embeds an analog or digital audio signal onto the HDMI Output to combine Video and Audio sources onto a single display
- Allows for up to 50 different resolutions from an HDMI source to be scaled to 720P or 1080P
- De-embeds an analog or digital audio signal from the HDMI Input to connect to an external audio receiver or amplifier
- HDMI 1.3a compliant and DVI 1.0 compliant
- IR remote control, Remote control via mini-USB
- OSD control interface
- Maximum pixel rate : 165MHz
- Deinterlacer supported
- Supports noise reduction and video enhancement features
- Video enhancement support and calibration
- Over / Under scanning adjustable
- Video H/V mirror supported
- Active video area adjustment supported
- USB firmware upgradable for expanding compatibility
- Wall-mount housing design for easy installation

### SPECIFICATIONS

role of usage.....	HDMI to HDMI Converter
HDMI compliance.....	HDMI 1.3a
Input Video Frequency bandwidth.....	225 MHz
Output Video Frequency bandwidth.....	165MHz
Audio support.....	Stereo PCM (48KHz)
ESD protection.....	[1] Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge]
	[2] Core chipset — ±2kV
PCB stack-up.....	4-layer board [impedance control — differential 100; single 50]
Firmware update.....	Feasible via USB Port
CEC Channel.....	N/A
Input.....	1x HDMI + 1x3.5mm(Stereo) + 1xRCA(S/PDIF)
Output.....	1x HDMI + 1x3.5mm(Stereo) + 1xRCA(S/PDIF)
HDMI connector.....	Type A [19-pin female]
BNC connector.....	1.5G 75Ω inter-locked socket
USB connector.....	Mini B

## PANEL DISCRPTIONS



1. STEREO AUDIO OUT: connect to analog stereo audio component
2. S/PDIF AUDIO OUT: connect to digital S/PDIF audio component
3. DIP SWITCH: For firmware update:  
ON (switch pointing up) firmware update mode  
OFF (switch pointing down) normal mode
4. LED INDICATOR: (green): signal indicator LED (red): power indicator LED.
5. IR SENSOR: IR sensor for receiving the IR commands from IR remote
6. PUSH BUTTON: (LEFT): Down Button, (MID): Up Button, (RIGHT): Menu/Enter Button
7. +5V DC: Interlocking power jack for 5V DC power supply unit
8. Mini USB: for F/W update
9. HDMI OUT: connect to a HDMI display or HDMI input
10. S/PDIF AUDIO IN: connect from a digital S/PDIF audio source
11. STEREO AUDIO IN: connect from an analog stereo audio source
12. HDMI IN: Connect to a HDMI source

## PACKAGE CONTENTS

- Part # 280563 HDMI & Audio Scaler and Converter
- 5V/2A power supply unit
- Installation software CD
- Product Manual