

## DA-SDI-HDTV FRONT VIEW



1. Power Adapter Fastener
2. 5V 3.2A Power Input
3. AES Audio Output
4. SDI Loop-Out 2 (Terminator should be applied when not in use)
5. SDI Loop-Out 1
6. SDI Input

## DA-SDI-HDTV REAR VIEW



1. HDMI/DVI (RJ45) Output
2. Rotary Switch for selecting audio monitoring pair
3. Analog Audio monitoring stereo phone jack

## DA-SDI-HDTV TOP VIEW



1. Status Indicator - Turns Green when powered on, turns amber when SDI signal is locked on.

## Troubleshooting Q & A

### There is no image on my DVI/HDMI.

Your monitor may not support the right resolution. Monitors must support 1920x1080, if the SDI input is 1080i or 1080p.

### There is no image on my monitor.

If your SDI source is 50 Hz, your monitor may not support 50 Hz.

### There is no image on my monitor.

Some monitors may not include the 5V necessary for the HDMI/DVI hot plug function to work properly. If you have eliminated the possibilities above, please call the Apantac Technical Support line at (503) 968-3000.

### The image on my monitor looks really small.

If the input is standard definition or 720p and the monitor's native resolution is 1920x1080 or 1920x1200, you will need to switch the monitor to full screen mode, instead of 1:1.

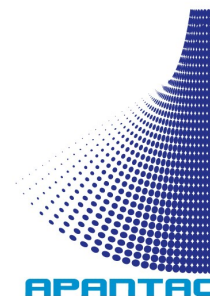
### My input is 1080i, but the image on my monitor looks squeezed.

Some monitors see 1080i as 540p, so it displays only 540 lines instead of 1080. Please consult the monitor's user manual.



© 2012 APANTAC LLC, All rights reserved  
7556 SW BRIDGEPORT ROAD  
PORTLAND, OR 97224, USA  
PHONE +1 503 968 3000  
FAX +1 503 389 7921

The content of this document is provided in connection with Apantac LLC ("Apantac") products. Apantac makes no representation or warranties with respect to the accuracy or completeness of the contents of this publication and reserves the right to make changes to specifications and product descriptions at any time without notice.



## DA-SDI-HDTV USER MANUAL

### SDI to HDMI/DVI CONVERTER w/o SCALER

## Package Contents

- DA-SDI-HTDV
- User Manual
- Power Supply (5V 3.2A)
- Stereo Phone Jack (1 x 2)
- 75 Ω Terminator
- RJ45 to HDMI Adapter (6")
- RJ45 to DVI Adapter (6")
- Power Adapter Fastener
- Magnetic Mounting Plate
- Mounting Screws

## Installation

1. Connect the power adapter and if needed, lock the 5 VDC power jack with the supplied accessories (Located in the small transparent plastic bag).
2. For HDMI monitors, use the RJ-45 to HDMI adapter cable. Use the RJ-45 to DVI adapter cable for DVI monitors.
3. Turn the rotary switch for audio monitoring.  
For example: position 1 = Group 1, channel 1 and 2, position 2 = Group 2, channel 3 and 4 and so on.
4. Connect the SDI loop through if needed.

## Features

- Supports 3G /HD/SD-SDI input
- 2 3G/HD/SD-SDI looping outputs
- Supports 16 channels of embedded audio
- AES and Analog audio monitoring output
- Rotary switch to select the AES/AA pair for monitoring
- Built-in RJ45 extender outputs
  - Up to 35 feet when used with HDMI-SR/DVI-SR
  - Up to 115 feet when used with HDMI-1-R/DVI-1-LR
- Comes with HDMI or DVI adapters to accommodate different displays

## Accessories



Power Adapter



Stereo Phone Jack (1 x 2)



RJ-45 to HDMI Adapter



RJ-45 to DVI Adapter



Power Adapter Fastener



75 Ω Terminator



Mounting Screws

## Supported Formats

SDI INPUT	HDMI/DVI OUTPUT
1080p60	1920x1080p 60Hz
1080p59.94	1920x1080p 59.94Hz
1080p50	1920x1080p 50Hz
1080i60	1920x1080i 60Hz
1080i59.94	1920x1080i 59.94Hz
1080i50	1920x1080i 50Hz
720p60	1280x720p 60Hz
720p59.94	1280x720p 59.94Hz
720p50	1280x720p 50Hz
480i59.94	1440x480i 59.94Hz
576i50	1440x576i 50Hz

## Specifications

MODEL	DA-HDTV-SDI
DESCRIPTION	SDI to HDMI/DVI Converter with 2 Looping Input and AES/AA outputs
INPUT	1 x SDI
OUTPUT	2 x SDI (loop-out), 1 Stereo Audio (Phone Jack), AES (BNC) and RJ 45 (HDMI/DVI)
ADJUSTMENTS	Rotary dial for audio monitoring selection
MAXIMUM RESOLUTION	1920x1080p.
MOUNT	Magnetic
POWER	5V 3.2A
DIMENSION	62 W x 112 D x 29 H (mm)