



LUMANTEK ez-HSV+ HDMI to SDI Converter with Display and Scaler User Manual

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LUMANTEK ez-HSV+ HDMI to SDI Converter with Display and Scaler



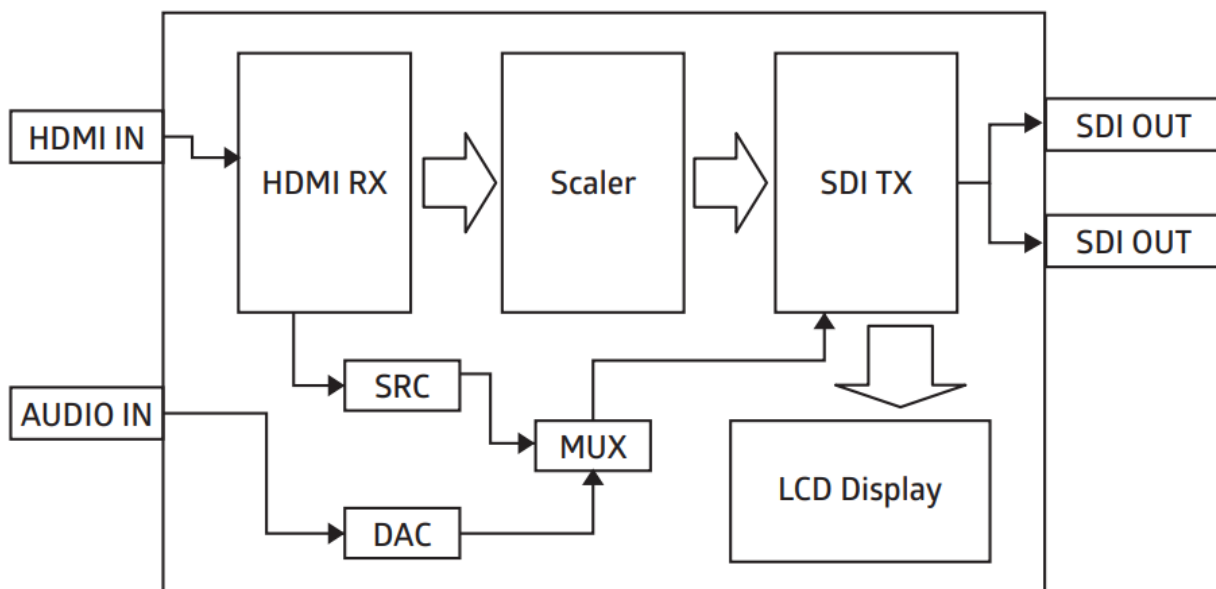
Introduction

Ez-HSV+(HDMI to SDI Converter with Display and Scaler) ez-HSV+ is an HDMI to SDI with Scaler Converter with 1 x HDMI input and 2 x SDI outputs. It receives External Analog Audio (Stereo) input which can be embedded into the video. Ez-HSV+ is a mini converter that can display incoming video through 2.7inch TFT-LCD. The display shows input audio level meter and input & output resolutions. Resolution can be up or down scaled (from 480i to 1080p60) with a DIP switch.

Features

1. Supports SD/HD/3G
2. HDMI Video In: : SD/HD/3G (HDMI Type A) x1
3. SDI Video Output: SD/HD/3G-SDI (BNC 75Ω) x2
4. Audio IN: Analog audio (3.5mm Stereo Jack) x1
5. LCD Display :2.7inch TFT-LCD x1
6. MODE : Push Switch x1

Block Diagram



Product Interface

DIP Switch setting

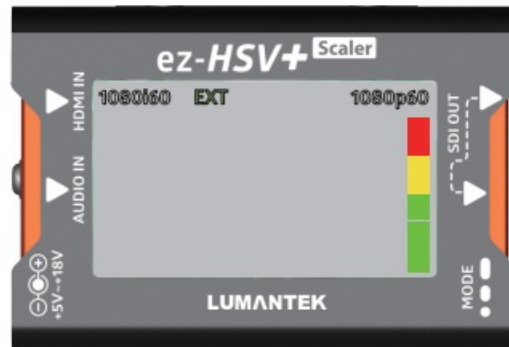
VIDEO OUT 1 2 3 4 480i59.94 576i50 720p50 720p59.94 720p60 1080i50 1080i59.94 1080i60 1080p23.98 1080p24 1080p25 1080p29.97 1080p30 1080p50 1080p59.94 1080p60	VIDEO OUT : Output Video Resolution Settings (Position 1, 2, 3, 4) - 720x480i@59.94 (DIP SW : 1111) - 720x576i@50 (DIP SW : 0111) - 1280x720p@50 (DIP SW : 1011) - 1280x720p@59.94 (DIP SW : 0011) - 1280x720p@60 (DIP SW : 1101) - 1920x1080i@50 (DIP SW : 0101) - 1920x1080i@59.94 (DIP SW : 1001) - 1920x1080i@60 (DIP SW : 0001) - 1920x1080p@23.98 (DIP SW : 1110) - 1920x1080p@24 (DIP SW : 0110) - 1920x1080p@25 (DIP SW : 1010) - 1920x1080p@29.97 (DIP SW : 0010) - 1920x1080p@30 (DIP SW : 1100) - 1920x1080p@50 (DIP SW : 0100) - 1920x1080p@59.94 (DIP SW : 1000) - 1920x1080p@60 (DIP SW : 0000)
RATIO 5 Full Letter PillarBox	RATIO : Output Video Screen Ratio (Position 5) - FULL 16:9 (DIP SW : 1) - Latter 4:3 or Pillar Box (DIP SW : 0)
AUDIO 6 INT. EXT.	AUDIO : Input Audio Settings (Position 6) - INT. (DIP SW : 1) - EXT. (DIP SW : 0)

MODE Switch Settings

1. LCD Backlight brightness control (Dark or Bright)



← Turns dark when pressing for less than 1 second



← Turns bright when pressing for less than 1 second

MODE Switch Settings

2. LCD Screen ON/OFF



← Turn LCD Screen ON by pressing and holding for less than 6 seconds



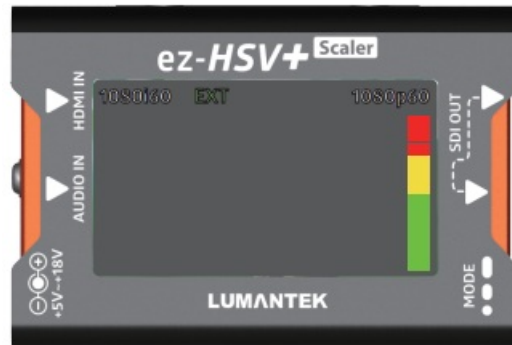
← Turn LCD Screen OFF by pressing and holding button between 1~6 seconds

MODE Switch Settings

3. LCD Screen rotation (0 or 180 degrees)

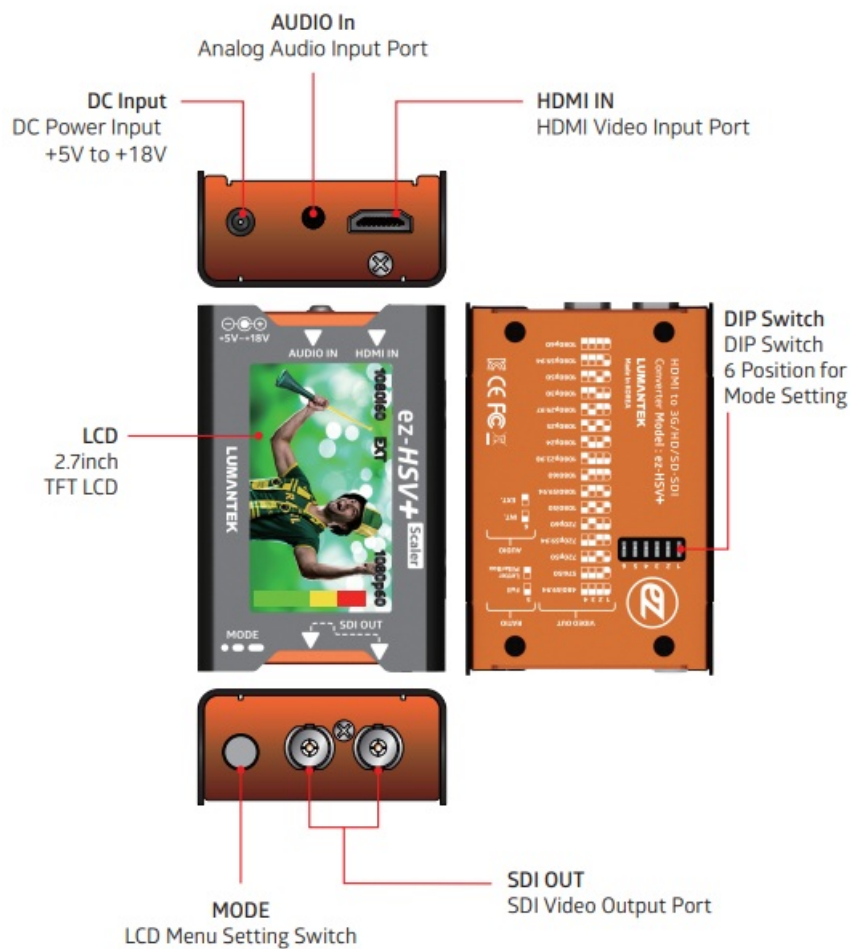


Rotates to 180 degrees when pressed for more than 6 seconds

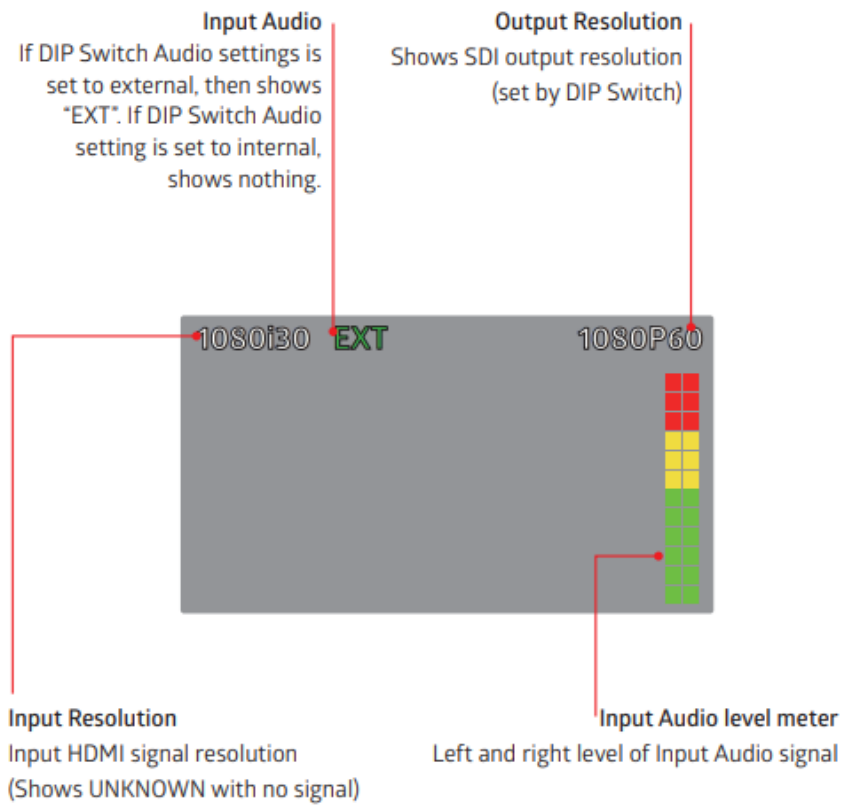


Rotates to 0 degrees when pressed for more than 6 seconds

System Information



LCD Screen Configuration



Product Configuration

ez-HSV+ body



Global adapter



Adaptor Specification
AC Input : AC100 to 240V, 50/60Hz
DC Output : DC12V, 1A

Documents / Resources

ez-HSV+ HDMI to SDI Converter with Display and Scaler Operation manual LUMANTEK	LUMANTEK ez-HSV+ HDMI to SDI Converter with Display and Scaler [pdf] User Manual ez-HSV, HDMI to SDI Converter with Display and Scaler, ez-HSV HDMI to SDI Converter with Display and Scaler
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