ez-SHV+

SDI to HDMI CONVERTER WITH DISPLAY

You can easy to monitor in/output resolution, cable length and eyepattern at once. LUMANTEK's ez-SHV+ has a SDI LOOP output.

Through the LCD screen, you can monitor incoming vedio. By using the 'dip switch', you can select the resoultion from 480i to 1080p. You can also control the LCD Brightness and screen ratio.

24/7 Video Monitoring



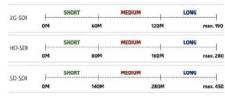
Through the 2.7 inch TFT LCD screen, you can monitoring Eye-pattern, In/output source resolution, and Cable length at immediately.

Mirrored output for teleprompter



It can be vertically flip(mirrored) the HDMI output by pressing the mode switch for more than 6 seconds while the LCD OFF. It is perfect to used for teleprompter and supports only HD resolutions.

Detect Cable Length Automatically



ez-SHV+ detects cable length automatically up to 190m at 3G-SDI. Cable length will be shown as 'SHORT', 'MEDIUM' and 'LONG'.

Eye-pattern (Eye-Diagram)



ez-SHV+ is useful for checking the input SDI cable's quailty as a simple measurement tool through the displaying of eye-pattern. If the eye-pattern shows thick, then it means input video signal quality is poor.

Audio Level Meter



It is easy to check what is being played on the LCD screen. You can also check the sound through the audio level meter on the screen what is being played.

Wall Mountable



ez-SHV+ has a wall mount option. You can alternative choose to set up at wall or not by changing side braket.

LUMANTEK

Data Input

SDI Video Input: SD/HD/3G-SDI (BNC 75 Ω) x1 Video Formats:

- 720x480i@59.94/60
- 720x576i@50
- 1280x720p@50/59.94/60
- 1920x1080i@50/59.94/60
- 1920x1080p@23.94/24/25/29.97/30
- 1920x1080p@50/59.94/60

(3G-SDI Level-B not supported)

Data Output

SDI LOOP Output: SD/HD/3G-SDI (BNC 75Ω) x1

Audio Output: Stereo Jack x1 HDMI Video Output: SD/HD/3G

(HDMI Type A) x1

Video Formats:

- 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)

Connections

Power : DC Power Input (DC Jack) x1, (Global Power Adapter)

DIP Switch: (6 Pole) x1 Video In/Out Resolution, Video Output Ratio, LCD Brightness

MODE: (Push Switch) x1 LCD ON/OFF, Menu Selection

Displa

2.7 inch TFT LCD : Input Video Display, Input SDI Eye Pattern,In/Output Video Resolution Display, Input Cable Length, Audio level meter

Electrical

Power Input: DC +5V to +18V Power Consumption: 3W(max.) Operation Temperature: 0~45°C

Physical

Dimension: 86.3x57.2x26.6 mm (include connector) Weight: 0.3 kg (0.66 lbs)

