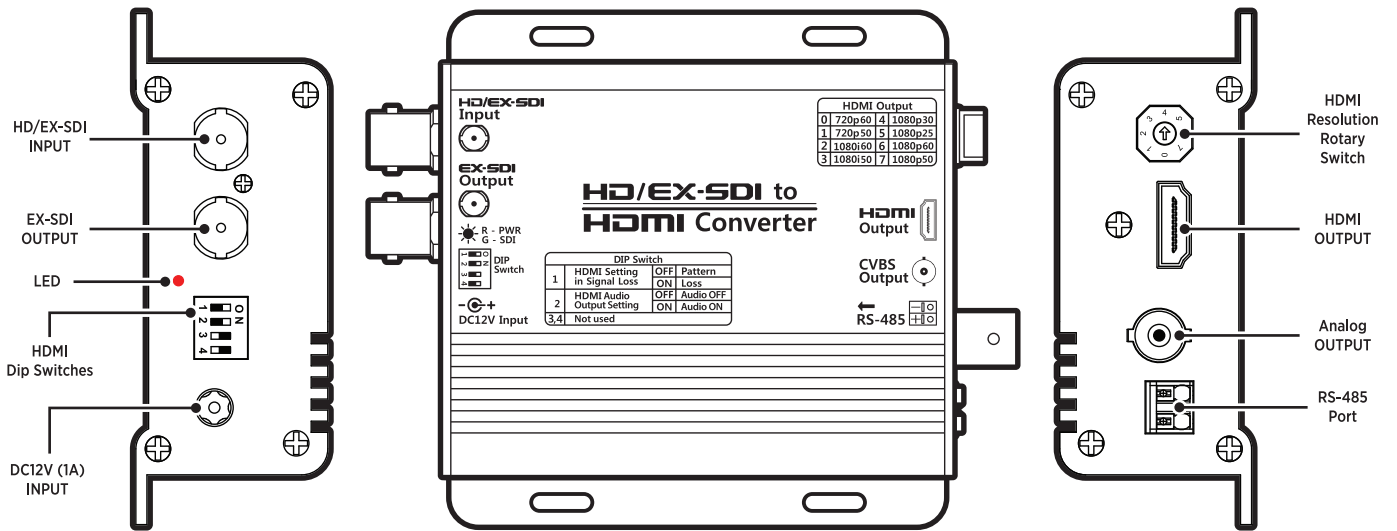


CE-EX2HDMI User Guide

EX-SDI 2.0 to HDMI Converter

This device converts an EX-SDI 2.0, 1.0 or HD-SDI signal into an HDMI signal that can be displayed on a monitor. Featuring a loop-through EX-SDI and analog output that can be passed along to the DVR or daisy-chained to other CE-EX2HDMI devices up to three times.



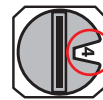
INSTALLATION:

1. Connect the output from the camera (EX-SDI 2.0, 1.0 / HD-SDI) to the connection marked **HD/EX-SDI INPUT**.
2. Connect HDMI cable to the connection marked **HDMI OUTPUT**.
3. Connect DC 12 Volt Power (1 Amp - Power Supply sold separately) to the connection marked **DC12V Input**.
 - During boot-up the LED should change from RED to GREEN if proper power and video connections have been made.
 - After boot-up the Input/Output video status will display on the top left corner of the screen from the HDMI Output.

● Power ON, No SDI Input
● Power ON, SDI Input

Version v1.00.00
INPUT — 1920 x 1080p 30
OUTPUT — 1920 x 1080p 30

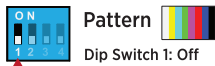
4. **To Change HDMI Output:** Rotate the HDMI Rotary switch to the desired output resolution. After the output has been set the screen will temporarily go blank, then return with the updated Input/Output info displayed in the upper left-hand corner of the screen. Changing the HDMI output resolution does not effect the EX-SDI Output or CVBS Output frame rates/resolution.



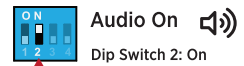
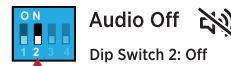
HDMI Output			
0	720p60	4	1080p30
1	720p50	5	1080p25
2	1080i60	6	1080p60
3	1080i50	7	1080p50

5. HDMI DIP Switch Settings:

Signal Loss: Set HDMI output in the event there is a loss in signal with the input HD/EX-SDI; a colored screen or a black screen.



HDMI Audio Output: If this device is used with the CE-HDMI2EX and the original HDMI source contained audio— set Dip Switch #2 to ON.



6. Optional Connections:

EX-SDI Output: Connect to an EX-SDI 2.0, 1.0 / HD-SDI DVR or daisy-chain up to 3 times to additional CE-EX2HDMI devices. Retains the same signal type and frame rate/resolution as original input.

CVBS Output: Connect to an Analog DVR or monitor.

RS-485 (when used in conjunction with CE-HDMI2EX): Connect RS-485 wires to from DVR or keyboard to the 2 Pin terminal block. The RS-485 signal travels through the HD/EX-SDI Input (no RS-485 data through HDMI Output, EX-SDI Output or CVBS Output).

CONNECTION DIAGRAM:

