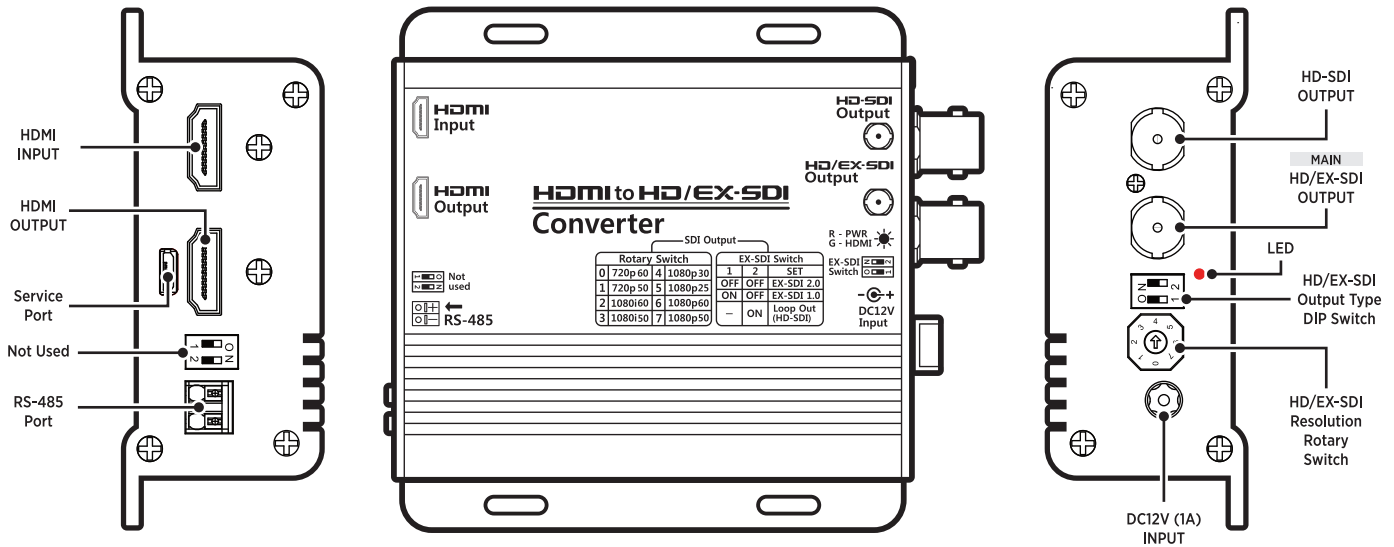


CE-HDMI2EX User Guide

HDMI to EX-SDI 2.0 Converter

This device converts an HDMI signal into an EX-SDI 2.0, 1.0 or HD-SDI signal that can be transmitted long-distances. When used in conjunction with the CE-EX2HDMI it's possible to transmit an HDMI signal up to 1,400 feet.

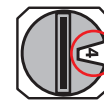


INSTALLATION:

1. Connect the output from the HDMI source (DVR, Computer, etc.) to the connection marked **HDMI INPUT**.
2. Connect coax cable to the BNC connection marked **HD/EX-SDI 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.
4. **To Change HD/EX-SDI Output Resolution:** Rotate the HD/EX-SDI 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.

● Power ON, No HDMI Input
● Power ON, HDMI Input

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



Rotary Switch	
0	720p 60 4 1080p 30
1	720p 50 5 1080p 25
2	1080i 60 6 1080p 60
3	1080i 50 7 1080p 50

5. HD/EX-SDI DIP Switch Settings:

To Change HD/EX-SDI Signal Type: Set the HD/EX-SDI Dip Switch to the desired signal type.



EX-SDI 2.0
1: Off | 2: Off

1400 ft max distance



EX-SDI
1: On | 2: Off

800 ft max distance



HDSDI
1: Off | 2: On

275 ft max distance

6. Optional Connections:

HD-SDI Output: Connect to an HD-SDI DVR, monitor or other HD-SDI accessory. This output is HD-SDI only, the frame rate & resolution will be the same as the HD/EX-SDI rotary switch settings.

HDMI Output: Connect to HDMI monitor (HDMI Loop-out).

RS-485: 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 Output (no RS-485 data through HDMI Output, or HD-SDI Output). RS-485 is not supported when main HD/EX-SDI type is set to HD-SDI.

CONNECTION DIAGRAM: *Shown with CE-EX2HDMI - sold separately

