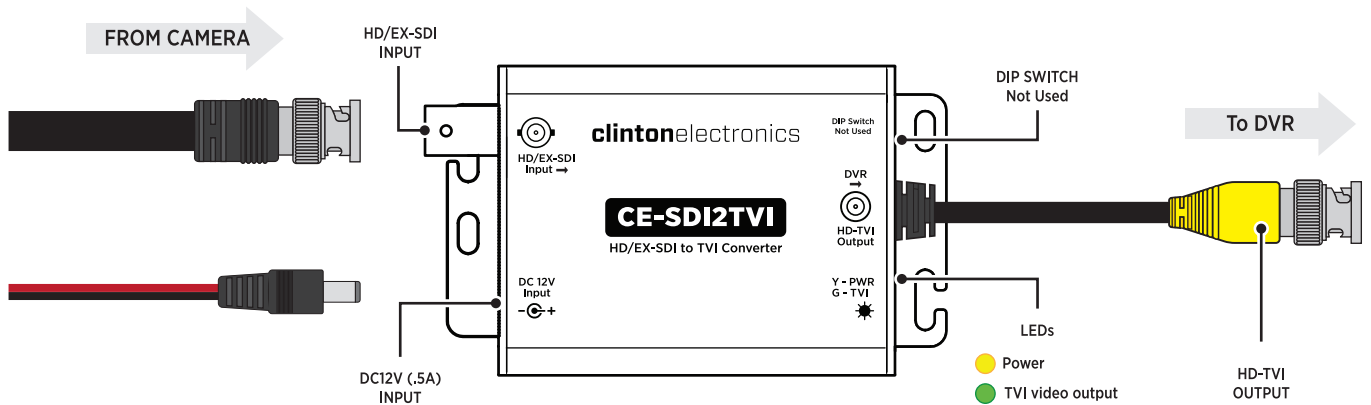# CE-SDI2TVI User Guide

HD-SDI / EX-SDI to HD-TVI Converter

This device converts an HD-SDI, EX-SDI, or EX-SDI 2.0 (2MP) signal into an HD-TVI signal that can be displayed on a TVI DVR.

FROM CAMERA

HD/EX-SDI INPUT

DC12V (.5A) INPUT

clintonelectronics

CE-SDI2TVI
HD/EX-SDI to TVI Converter

HD/EX-SDI Input ➡

DC 12V Input ⊖-Ⓒ-⊕

DIP Switch Not Used

DVR ➡
HD-TVI Output

Y - PWR
G - TVI

DIP SWITCH Not Used

To DVR

LEDs
🟡 Power
🟢 TVI video output

HD-TVI OUTPUT

INSTALLATION:

1. Connect the output from the camera to the connection marked **HD/EX-SDI INPUT**.
2. Connect the yellow BNC cable connection from this device marked **HD-TVI OUTPUT** to TVI DVR or other TVI equipment.
3. Connect DC 12 Volt Power (Power Supply sold separately) to the connection marked **DC12V INPUT**.
   - If proper power and video connections have been made the LED indicators will illuminate (yellow & green).

TROUBLESHOOTING:

No TVI Output:
• Check that the device is connected properly (HD/EX-SDI camera connected to input, TVI output connected to TVI DVR.
• Check if the connected DVR or other equipment supports TVI.
• Check the SDI output from the camera, (HD-SDI / EX-SDI / EX-SDI 2.0) and check the cable distance from camera.
• Check if the correct connector from the camera is used— Black & Gold connector is HD/EX-SDI, Yellow or Green connector is Analog.
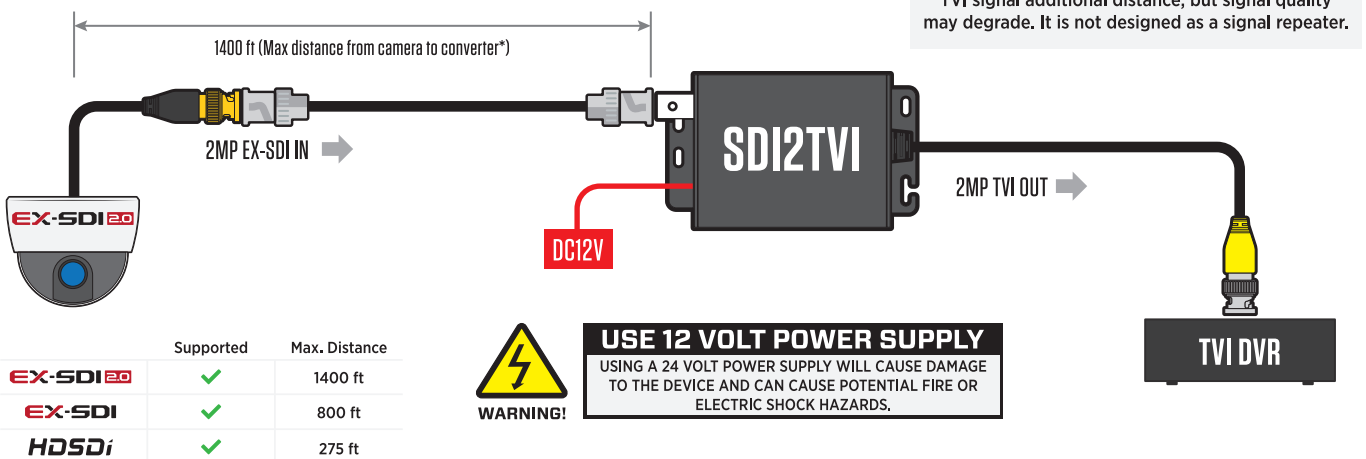
LED is flickering:
• Turn OFF the DIP Switches.

Camera control (UCC/UTC) not working:
• This device does not support upstream coax communication.

No power:
• Check power supply type; AC24V & DC24V will damage this device. Use only DC12V power!

CONNECTION DIAGRAM:

This converter should be directly connect to a TVI DVR or other TVI equipment. It is possible to run the TVI signal additional distance, but signal quality may degrade. It is not designed as a signal repeater.

1400 ft (Max distance from camera to converter*)

2MP EX-SDI IN ➡

SDI2TVI

DC12V

2MP TVI OUT ➡

TVI DVR

USE 12 VOLT POWER SUPPLY
USING A 24 VOLT POWER SUPPLY WILL CAUSE DAMAGE TO THE DEVICE AND CAN CAUSE POTENTIAL FIRE OR ELECTRIC SHOCK HAZARDS.

⚠ WARNING!

	Supported	Max. Distance
EX-SDI 2.0	✔	1400 ft
EX-SDI	✔	800 ft
HDSDi	✔	275 ft

Distances will vary depending on coax cable type & integrity. Cable splices, couplers and severe kinks will reduce the overall possible distance.