

## Thor Fiber F-MSDI-TX/RX Quick installation Guide.

F-M1SDI-TX - HD/SD-SDI Transmitter (RS485 Data Receiver)

F-M1SDI-RX - HD/SD-SDI Receiver (RS485 Data Receiver)

F-M1SDI-TX/RX is a bi-direction Fiber Optic Transmitter receiver kit.

The transmitter sends SDI signal to the receiver unit and receiving unit send the RS 485 to the Transmitting unit.

The RS485 port allows you to control a Camera or another SDI source form the RX location using RS485 data.

### Instructions

- 1) Connect 12V Power supply to the Transmitter and Receiver.
- 2) The Power LED should turned on TX and RX unit
- 3) Connect SDI source to the transmitter NOP LED should go green
- 4) Connect Fiber optic cable to the TX and RX , the Link Liked LED should turn green on the RX.
- 5) Connect SDI output to the Monitor , you should have a image

Control data can be connected but it is not needed for normal SDI transmission operation

- 1) Connect RS485 control Data source + - to the RX ( PTS joystick for example)
- 2) Connect RS485 control Data source + - form The TX to the destination device like camera with PTZ (Pan Tilt Zoom)

SDI transmission and return data transmission are working at the same time over the single strand of fibers

**If you will have any trouble setting up the devices, please give us a call 800-521-8467 Ext 2 email [sales@thorfiber.com](mailto:sales@thorfiber.com) . <https://thorbroadcast.com/>**

