# SDIXtreme³ᴳ⁺ QUICK START GUIDE

**3G SDI Fiber Optic Extension**

**SFP OUT (Transmitter)**

**SFP IN (Receiver)**

**STEP 5:** Install the provided +5VDC power supply to the **SDIXtreme³ᴳ⁺ Transmitter** and plug it into a standard AC source. Ensure that the ACTIVE LED on the Transmitter comes on. The ACTIVE LED will blink if no SDI input is present.

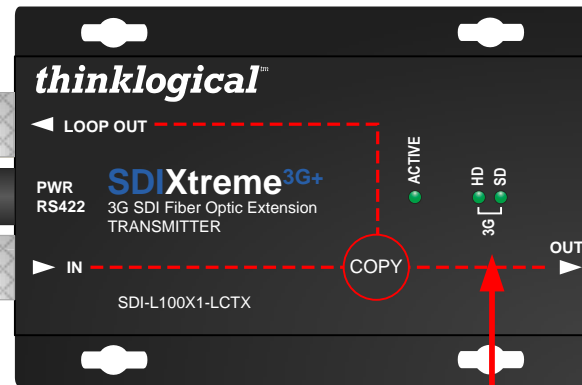**5VDC (PWR-000051-R)**

**STEP 6:** Connect your 3G, SD or HD SDI video source to the **SDIXtreme³ᴳ⁺ Transmitter's IN Port**. A local Monitor or other viewing device may be connected to the Transmitter's LOOP OUT port. If required, connect the device's RS422 port to the Transmitter's RS422 Port, located directly below the Power connector.
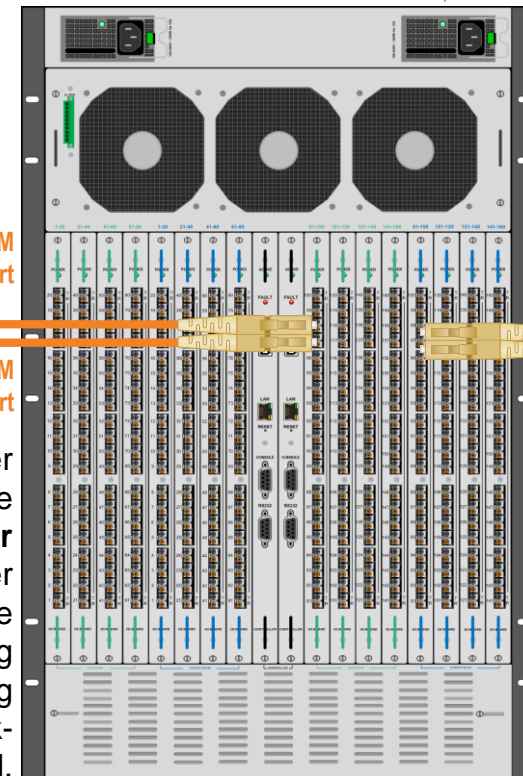
**3G, SD, HD SDI Loop Out**

**Fiber Optic Cable**

*Multi-Mode fiber can be up to 1000 meters in length. Single-Mode fiber can be up to 40 kilometers.*

**router VX160 KVM Matrix Switch**   16 Rack Units, 850 Watts

**Source**

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◄ LOOP OUT

**SDIXtreme³ᴳ⁺**
3G SDI Fiber Optic Extension TRANSMITTER

PWR
RS422

○ ACTIVE   ● HD   ● SD

3G   COPY   OUT ►

► IN

SDI-L100X1-LCTX

**④ From UPSTREAM Transmit Port**

**To UPSTREAM Receive Port**

**Fiber Optic Cable**

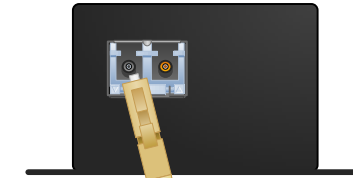**From DOWNSTREAM Transmit Port**

**To DOWNSTREAM Receive Port**

**①**

**STEP 4:** Connect your Fiber Optic Cable from the **SDIXtreme³ᴳ⁺ Transmitter OUT Port** to a Router Receive Port or directly to the **Receiver IN Port**, depending on your application. If using RS422, a second, back-channel fiber, is required.

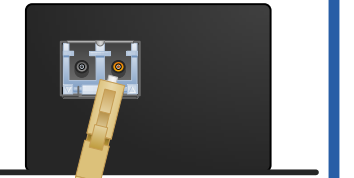**STEP 1:** Connect your Fiber Optic Cable from the **SDIXtreme³ᴳ⁺ Receiver** IN Port to a Router Transmit Port or directly to the **Transmitter OUT Port**, depending on your application. If using RS422, a second, back-channel fiber, is required.
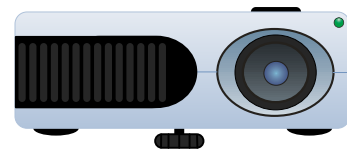
**RS422**

**3G, SD, HD SDI Source**

**STEP 7:** Ensure that the 3G, SD or HD LEDs are illuminated (depending on your signal type). These indicate that the connections are sound.

**RS422**
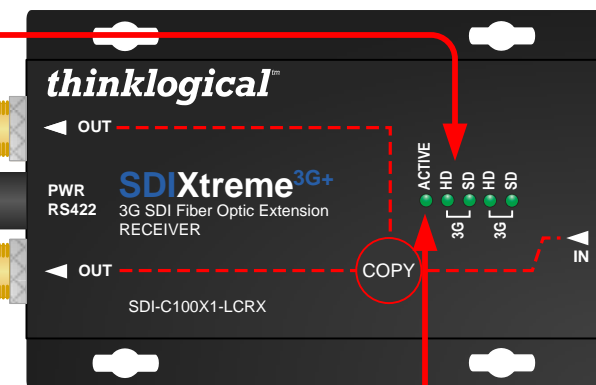
**⑦**

**Destinations**

**3G, SD, HD SDI Destinations**

**STEP 3:** Install your HD, SD or 3G SDI destination devices to the **SDIXtreme³ᴳ⁺ Receiver's OUT Ports.** If using RS422, connect your device to the Receiver's RS422 port (located directly below the Power Connector).

**③**

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◄ OUT

**SDIXtreme³ᴳ⁺**
3G SDI Fiber Optic Extension RECEIVER

PWR
RS422

○ ACTIVE   ● HD   ● SD   ● HD   ● SD

3G   3G   COPY   ◄ IN

◄ OUT

SDI-C100X1-LCRX

**Fiber Optic Cable**

**STEP 2:** Install the provided +5VDC power supply to the **SDIXtreme³ᴳ⁺ Receiver** and plug it into a standard AC source. Ensure that the ACTIVE LED on the Receiver comes on.

**②**

**5VDC (PWR-000051-R)**

SDIXtreme3G+_Single_VX160_Quick_Start_Rev_A

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