Converting 3G-SDI/HD-SDI/SD-SDI to DVI video and extends up to 1,640 feet.

- Convert a video source with analog VGA signal to a digital DVI signal.
- Use with an optical receiver (ST-1FODVI-R-SC500M) to extend a remote DVI monitor 1,640 ft (500m).
  - Signal transmission via a single-strand (simplex) multimode (50-micron or 62.5 micron) SC fiber optic cable - no RF interference.
- Supports resolutions to 1920x1200 (WUXGA).

**CONVERTER (VGA-DVI-FOSC)**

**Video Input**
- One female 15-pin HD connector for VGA input.

**Video Output**
- One female 15-pin HD connector for VGA output.
- One female SC fiber connector for optical DVI output.
- Supports resolutions to 1920x1200.

**Power**
- 100 to 240 VAC at 50 or 60 Hz via AC adapter.

**Environmental**
- Operating temperature: 32 to 122°F (0 to 50°C).
- Storage temperature: -22 to 158°F (-30 to 70°C).
- Relative humidity: 0 to 85% non-condensing RH.

**Dimensions**
- WxDxH in: 4.09x4.41x1.10 (104x112x28 mm)

**Regulatory Approvals**
- CE, FCC, RoHS

**Warranty**
- Two years.

**Optical Receiver (ST-1FODVI-R-SC500M)**

**Video Input**
- One female SC fiber connector for optical DVI input.

**Video Output**
- One male DVI-D single link connector for DVI output.
- Supports resolutions to 1920x1200.

**Power**
- 100 to 240 VAC at 50 or 60 Hz via AC adapter.

**Environmental**
- Operating temperature: 32 to 122°F (0 to 50°C).
- Storage temperature: -22 to 158°F (-30 to 70°C).
- Relative humidity: 0 to 85% non-condensing RH.

**Dimensions**
- WxDxH in: 1.54x2.20x0.59 (39x56x15 mm)

**Regulatory Approvals**
- CE, FCC, RoHS

**Warranty**
- Two years.

**Max Distance**
- 1,640 feet (500 meters) over 50µm multimode SC fiber optic cable.

**Cables**
- Use a FIBER-S-SCSC-50-xM (simplex multimode SC 50-micron) fiber optic cable to extend the remote unit up to 1,640 ft (not included).
  - Simplex multimode SC 62.5-micron fiber optic cables are also compatible.
Converts 3G-SDI/HD-SDI/SD-SDI to DVI video and extends up to 1,640 feet.

Configuration and Cable Illustration

- ST-1FODVI-R-SC500M
- AC Adapter
- VGA-DVI-FOSC
- DVI Monitor
- VGA Monitor
- VGA PC
- Simplex multimode SC 50-micron cable (up to 1,640 ft)
- AC Adapter

- FIBER-S-SCSC-50-xM
- VEXT-xx-MM