VGA Extender via One LC Singlemode Fiber Optic Cable
XTENDEX®

Extend a VGA display, stereo audio speakers and RS232 up to 6.2 miles (10 km)

- Signal transmission via single-strand LC fiber optic cable - no RF interference.
  - Using singlemode 9-micron cable, extend to 6.2 miles (10 kilometers).
  - Using multimode 50-micron or 62.5-micron cable, extend to 1,640 feet (500 meters).
- Supports local and remote VGA monitors.
- Supports computer resolutions to 1920x1080.
- Supports stereo audio speakers.
  - Can be used as an audio-only extender.
- Plug and play functionality – no software needed.
- Low RFI/EMI for sensitive applications.
- Built-in default EDID table.
- Supports the DDC2B protocol.
- Cables can be installed in conduit prior to extender installation.

XTENDEX ST-FOVARS-LCV2
(Local and Remote Unit)

- **Supports local and remote VGA monitors.**
- **Extend to 6.2 miles using singlemode cable.**
- **Extend to 1,640 feet using multimode cable.**

The XTENDEX® VGA Extender via Fiber Optic Cable locates a VGA display, stereo audio speakers and RS232 up to 6.2 miles (10 kilometers) away from a computer using a single LC singlemode fiber optic strand and 1,640 feet (500 meters) using multimode fiber optic cable. Each extender consists of a transmitter that connects to a computer and also supplies video to a local monitor, and a receiver that connects to a monitor.

Specifications

Local Unit

- Supports a PC, SUN, or MAC with VGA video.
- Multiplatform support: Windows 7/8/10, Windows Server 2008/2012/2016/2019, Solaris, Linux, FreeBSD, and MAC OS 10/11.
- Supports resolutions to 1920x1080 at 60 Hz
- One female 15-pin HD connector for computer connection
- One female 15-pin HD connector for local VGA monitor.
- One female 3.5mm stereo audio jack.
- One female DB9 connector for RS232.
- One simplex LC fiber optic port for sending video/audio signals and DDC signal.

Remote Unit

- Supports resolutions to 1920x1080 at 60 Hz
  - Built-in default EDID table – refer to the manual for all supported resoltuions.
- One female 15-pin HD connector.
- One female 3.5mm stereo audio jack.
- One female DB9 connector for RS232.
  - Self-adaptive baud rate up to 115200.
- One simplex LC fiber optic port for sending video/audio signals and DDC signal.

Power

- Local and remote unit:
  - Input: 100 to 240 VAC at 50 or 60Hz via AC adapter.
  - Output: 12VDC, 1A
- Power consumption:
  - Local unit: 3.6W
  - Remote unit: 3.0W

Environmental

- Operating temperature: 23 to 158°F (-5 to 70°C).
- Operating and storage relative humidity: 5 to 90% non-condensing RH.

Dimensions

- WxDxH (in): 5.24x4.17x1.05 (133x106x27 mm)

Warranty

- Two years

Max Distance

- 6.2 miles (10 km) over 9μm singlemode LC fiber optic cable.
- 1,640 feet (500 meters) over 50μm or 62.5μm multimode LC fiber optic cable.

Cables

- Use a simplex LC singlemode 9-micron fiber optic cable to extend the receiver from the transmitter up to 6.2 miles (10 km).
- Use a simplex multimode LC 50-micron or 62.5-micron fiber optic cable to extend the receiver from the transmitter up to 1,640 feet (500 meters).
- Cables not included.
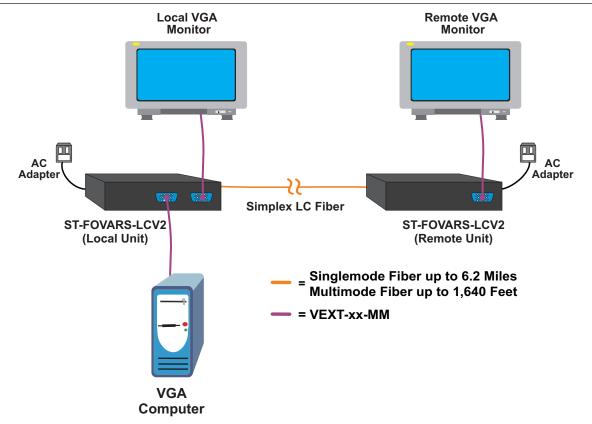
Package Includes

- One transmitter unit
- One receiver unit
- Two SFP modules for fiber connection
- Two power supplies

NETWORK TECHNOLOGIES INCORPORATED

1.800.RGB.TECH (800.742.8324)
Toll Free: US & Canada

330.562.7070
International calls

330.562.1999
Worldwide fax

sales@ntigo.com
www.networktechinc.com

Extend a VGA display, stereo audio speakers and RS232 up to 6.2 miles (10 km)

Configuration and Cable Illustrations

Local VGA Monitor

Remote VGA Monitor

AC Adapter

AC Adapter

ST-FOVARS-LCV2 (Local Unit)

ST-FOVARS-LCV2 (Remote Unit)

Simplex LC Fiber

VGA Computer

— = **Singlemode Fiber up to 6.2 Miles**
Multimode Fiber up to 1,640 Feet

— = **VEXT-xx-MM**

NTI ® **NETWORK TECHNOLOGIES INCORPORATED**

1.800.RGB.TECH (800.742.8324)
Toll Free: US & Canada

330.562.7070
International calls

330.562.1999
Worldwide fax

sales@ntigo.com
www.networktechinc.com

2