

FVX-3000

Multimode
Fiber Extender



For the Extension of any USB Keyboard and Mouse, Stereo Audio, VGA and RS-232 Signal up to 1,400 Feet

The FVX-3000 consists of a transmitter and receiver that extend KVM, VGA, audio and RS-232 signals. It is a professional quality KVM capable of extending signals up to 1,400 feet over a single multimode fiber optic cable.

Features

- Top Signal Quality at Maximum Extension Over Multimode Fiber (1,400 ft.)
- Superior Image Quality at all Resolutions
- Video Resolutions up to 1920 x 1200 at 60Hz (1280 x 1024 at 75Hz)
- Customizable/Programmable DDC Table
- Supports USB Keyboard/Mouse
- Supports Stereo Audio
- Supports VGA
- Supports RS-232 Control from 300bps to 115,000bps
- Supports all USB Keyboards Fully Transparent
- Fiber Plug Type LC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches
- Compact Metal Casing
- Output can be VGA or DVI

Why Fiber Optic?

SmartAVI has created a full line of fiber optic extender products, understanding that this technology is superior to traditional cabling.

Fiber optic cables are:

- Capable of transmitting over very long distances with no signal loss.
- Immune to electromagnetic interference. In situations where there is considerable interference, fiber optic cabling is the only solution.
- Much more secure because they cannot be easily tapped. For this reason, military and law enforcement agencies use fiber optic cables for the transmission of sensitive data.
- Relatively inexpensive and small enough to be routed through small spaces.



Made in the USA

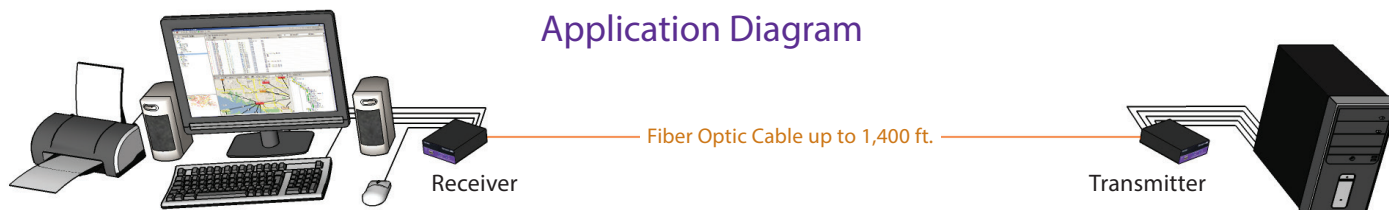
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Application Diagram



Specifications

Video

Input Interface	VGA Female (Single-Link)
Output Interface	DVI-I, VGA or DVI
Resolution	1920x1200 at 60Hz
DDC	Internal Table can be Re-programmed

Audio

Signal Type	Stereo Audio
Bandwidth	15MHz, 0dB
Impedance	10K Ohm
Connector	3.5mm Stereo Mini Female

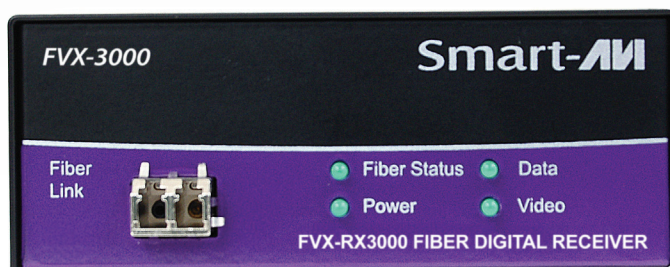
Other

RS-232	Data up to 115,000bps
USB	USB Keyboard and Mouse Compliant
Fiber Extender	Fiber • 225m @ Multimode 62,5µ • 450m @ Multimode 50µ Fiber-Plug type LC
Dimensions	4.5"x5.5"x1.70"
Weight	8 Lbs.

Applications

- Corporate or Educational Presentations
- Financial (Remote Servers/User Control)
- Call Centers
- Industrial (Long-Range Workstation Isolation)
- Information Terminals/Kiosks
- Airport Installations (Air Traffic Control/Passenger Information)
- KVM Extension where Exceptional Quality of Signal is Crucial
- Medical (Remote Operation Away from Sensitive/Magnetic Equipment)
- Recording (for Large Studios where Editing/Mixing Stations are Compact and/or Require Complete Silence)

FVX-3000 Receiver Front



FVX-3000 Receiver Rear



Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Users of SmartAVI include:



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