

FVX-3000-PRO

SINGLE-MODE VGA, STEREO AUDIO, RS-232, AND USB KEYBOARD-MOUSE FIBER EXTENDER



**EXTENDS SINGLE-MODE VGA, USB KEYBOARD-MOUSE, STEREO AUDIO AND RS-232 SIGNAL
UP TO 10 KM OVER THE FIBER OPTIC CABLE**

FEATURES

- Single-mode fiber optic extension up to 10km (6.2mi)
- Supports VGA
- Supports video resolutions up to 1080p Full HD (1920 x 1080 @ 60 Hz)
- Supports USB 2.0 (keyboard-mouse only)
- Supports stereo audio
- Supports RS-232
- Supports all computer operating systems
- Compact, durable chassis

APPLICATIONS

- Industrial Control Rooms
- Isolated Long-Range Workstations
- Corporate Communications
- Remote Asset Management
- Long-Range KVM Applications
- Medical Communication and Administration
- Financial Management & Communications



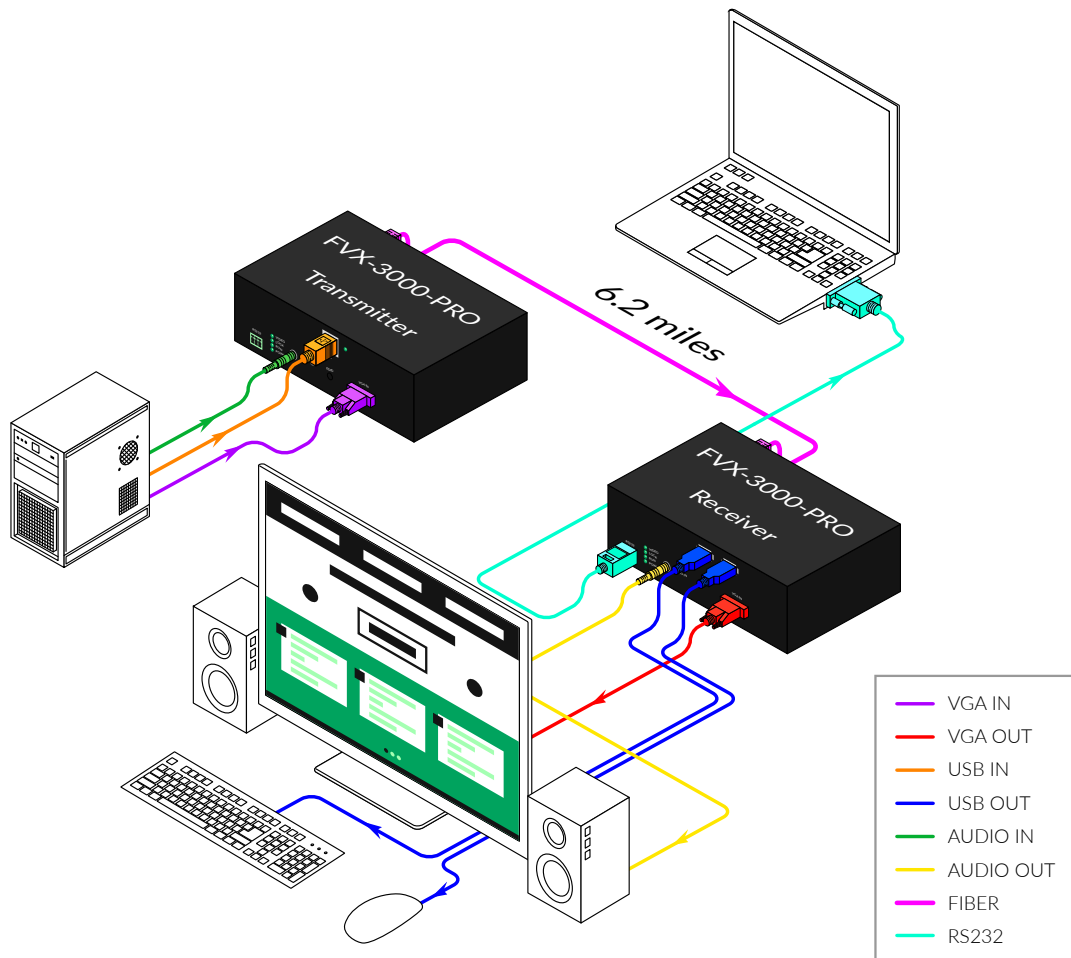
Designed and Manufactured in the USA

OVERVIEW

The FVX-3000-PRO is a single-mode fiber extender for VGA video, stereo audio, RS-232, and USB keyboard-mouse signals. Using its powerful fiber optic technology, the FVX-3000-PRO sends 1080p (1920x1080 @ 60Hz) Full HD audio-video and keyboard-mouse signals up to 10km (6.2mi) away at lightning fast speeds without the risk of interference or interception.

APPLICATION DIAGRAM

The FVX-3000-Pro excels at transmitting and receiving HD VGA signals over long distances at incredible speeds. Outfitted with fiber optic cables popular in military and government operations, the FVX-3000-Pro is secure and resistant to outside interference. It can be used for KVM activities in businesses, corporations, industrial control rooms, hospitals, server hubs, banking facilities, and more. The FVX-3000-Pro also excels at securely sending confidential media and files across systems thousands of feet apart, ideal for communications, asset delivery, and remote access to sensitive digital materials.



FRONT AND BACK



FVX-3000-PRO Transmitter Back Panel



FVX-3000-PRO Receiver Back Panel



FVX-3000-PRO Transmitter Front Panel



FVX-3000-PRO Receiver Front Panel

TECHNICAL SPECIFICATIONS

VIDEO	
Format	VGA
Input	(1) VGA Female
Output	(1) VGA Female
Max. Pixel Clock	165 MHz
Max. Data Rate	6.75 Gbps
Resolution	Up to 1080p (1920x1080 @ 60Hz)
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.

AUDIO	
Input	(1) 3.5mm stereo audio jack
Output	(1) 3.5mm stereo audio jack

RS232	
Signal Direction	Unidirectional
Max. Baud Rate	115200bps (self-adaptive)
Data Bits	8

OTHER	
Power Adaptor	12VDC2A
Dimensions	6.25" W x 1.875" H x 5.0" D
Weight (TX & RX)	1.45 lbs (0.725 lbs per unit)
Approvals	UL, CE, ROHS Compliant
Fiber Interface & Type	LC Single-Mode Fiber
Transmission Distance	Up to 10 km (6.2 miles)
Working Temperature	32 to 122°F (0 to 50°C)
Storage Temperature	-4 to 149 °F (-20 to 65°C)
Working Humidity	Up to 85% RH (no condensation)
Storage Humidity	Up to 90% RH (no condensation)

PART NO.	DESCRIPTION
FVX-3000-PROS	Single-Mode VGA, Stereo Audio, RS-232, and USB Keyboard-Mouse Fiber Extender. Includes: [FVX-TX3000P, FVX-RX3000P, FVX-3000TX-TR, FVX-3000RX-TR & (PS12VDC2A)]