



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

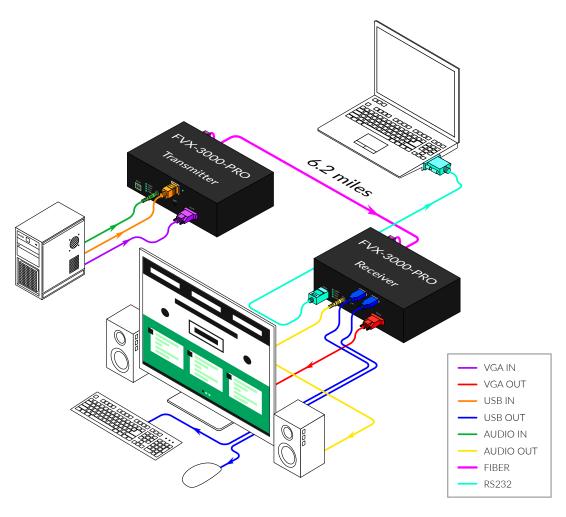
- Industrial Control Rooms
- Isolated Long-Range Workstations
- Corporate Communications
- Remote Asset Management
- Long-Range KVM Applications
- Medical Communication and Administration
- Financial Management & Communications

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 Transmitter Front Panel



FVX-3000-PRO Receiver Back 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)]

