

FDX-AVPRO

HD DVI-D Fiber Optic Extender



Extends HD audio-video signals up to 10km
via a single fiber optic cable

FEATURES

- Top Signal Quality at Maximum Extension (10km)
- Superior Image Quality at all Resolutions
- Video Resolutions up to 1080p (1920x1080 @ 60Hz)
- Highly compatible, automatic learning
- Supports DVI-D
- Optional RS-232 control
- Plug-and-play ready
- Secure design and casing

APPLICATIONS

- Corporate presentations
- Educational presentations
- Call centers
- Industrial (remote/long-range communication)
- Information terminals/kiosks
- Transportation installations (airports, train stations, bus hubs, etc...)
- Exceptional remote AV transmission
- Medical supervision (from long-distance)
- Remote recording (for audio and video content)
- Entertainment/sport venue AV

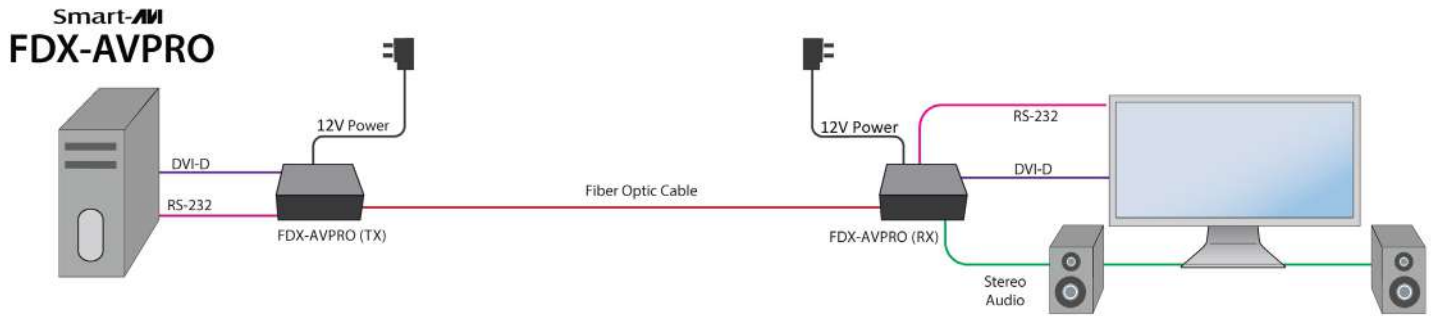


OVERVIEW

Ideal for long-range, lightning fast HD signal transmission and real-time AV extension, the FDX-AVPRO is the premiere fiber optic extender solution in our catalogue. Built with speed, quality, and security in mind, the FDX-AVPRO sends HD DVI-D video and stereo audio signals across distances as vast as 10km without interference or risk of interception.

The FDX-AVPRO features excellent video resolutions up to 1080p (1920x1080 @ 60Hz), stereo audio support, automatic system learning, auto-optimization, and optional RS-232 support. Send HD video content across vast distances with complete security; fiber optic extension is prized in government and the private sector for its speed, safety, and efficiency. Fiber optic connections are virtually impenetrable, so malicious signal tapping is never an issue. Powerful and easy-to-use, the FDX-AVPRO keeps long-distance transmission intimate and engaged at any range.

APPLICATION DIAGRAM



SPECIFICATIONS

VIDEO/AUDIO	
Format	DVI-D Single Link, Stereo Audio (3.5 mm)
Maximum Pixel Clock	165 MHz
Impedance	100Ω
Max Data Rate	6.75 Gbps
Resolution	Up to 1080p (1920 x1080 @ 60Hz)
Fiber Interface	LC Connector
Fiber Type	Single-mode fiber
Wavelength	Single-mode 1310nm
Transmission Distance	10km
OTHER	
Dimensions	1.125" H x 6" W x 4.75"D
Weight	1.8 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temp	32-131°F (-5-70 °C)



FDX-AVPRO Front



FDX-AVPRO Rear

ORDERING INFORMATION

Part No.	Description
FDX-AVPRO-S	HD DVI-D Fiber Optic Audio Video Extender Includes: [FDX-AVPRO-TX, FDX-AVPRO-RX and 2 X (PS12VDC1A)]



Designed and Manufactured in the USA

www.smartavi.com

Tel: 800.AVI.2131 • 818.503.6200 • 11651

Vanowen St. North Hollywood, CA. 91605

Smart-AVI
SMART AUDIO VIDEO INNOVATION