

Simple Fiber Optics Extension A/V Solutions With FiberXtend Series



FiberXtend Series From SmartAVI, Inc.

The FX-HDPro Extends HDMI, IR and RS-232 Signals 1,200 Feet for Home Theater, Digital Signage and Professional Applications

Features

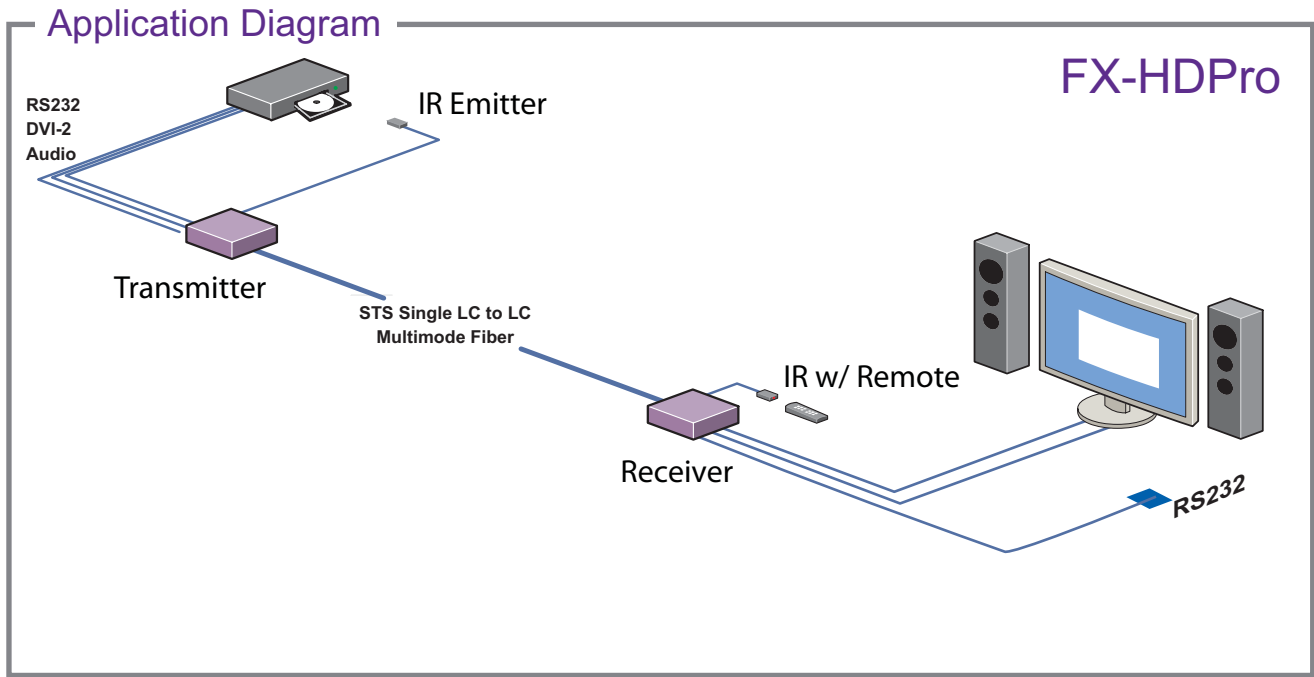
- Transmit HDMI Signals up to 1,200 Feet Without HDCP Dropouts or Errors
- Full IR and RS-232 Control
- High-Definition Resolutions up to 1920 x 1200 Achieved Over Fishing Line-Thin "Invisible" Fiber Optics Cable Without Video or Audio Quality Loss
- Perfect 1080p HDTV Resolution
- IR Transparent IR Signal
- Full Creative Control Over Arrangement/Setup of Home Theater Components and Professional Digital Signage Displays Without Restrictive, Bulky Cables
- Unit Uses Extremely Cost-Effective Fiber Optics Cabling
- LC Fiber Plug Type
- Compatible With all Operating Systems
- Quick and Easy Setup
- Transmit DVI-D 1920 x 1200 60Hz With Crisp, Perfect Image
- Transmit Crystal-Clear Stereo Audio

FiberXtend, which is SmartAVI, Inc.'s new series of fiber optics extension solutions, gives consumers total freedom and flexibility when managing their home theater, industrial or professional systems. With the use of state-of-the-art fiber technology, system architects and serious home theater/HDTV managers now have the ability to lay out their systems the way they want – not hampered by bulky wires or cables. SmartAVI's FiberXtend line is the cost-effective, cutting-edge, easy way to maintain and keep your high-definitional signals crystal-clear and your sound quality crisp and true.

The SmartAVI FX-HDPro is a point-to-point fiber optics bridge for long distance and virtually "invisible" integration of home theater, digital signage and other professional audio/video applications. The FX-HDPro has been designed to handle HDTV, infrared and RS-232 signals from high-definition components at distances up to 1,200 feet. This allows for full creative control over home theater design as well as digital signage deployment.

With the use of fishing line-thin fiber optics cabling, it is now possible to get rid of unsightly and bulky traditional component wiring that is also expensive and distance-restrictive in nature. Due to the advanced nature of fiber optics technology, the FX-HDPro carries the HDMI, IR and RS-232 control signals with absolutely zero compression and zero bit reduction, offering crystal-clear 1080p HDTV resolution, whether extended 10, 500, or 1,200 feet.

FX-HDPro is one of the latest products presented by SmartAVI as part of its new FiberXtend home theater/professional application line of fiber optics-based extenders.



Specifications

TRANSMITTER AND RECEIVER

Video

Input Interface HDMI (SingleLink)
Output Interface HDMI (SingleLink)
Resolution up to 1920x1200
DDC automatic learning from remote screen
HDCP transparent

RS232 Data up to 115,000
db9, Male for TX, female for RX
TXD, RXD and ground

IR transparent IR signal

Audio 3.5mm Jack
Bandwidth 15KHz
Signal level 0dB unbalanced
Input Impedance 10K ohms
Output Impedance 100 ohms

Software Independent
Fiber LC to LC
Multimode 50/125

Power 5VDC 3A
Size —
Weight —

Applications

- Home Theater Integration
- Digital Signage Deployment
- Industrial Environment
- Information Kiosks/Displays
- Theme Park/Resort Design
- Medical Equipment
- Film/Recording Studios



Order Info

FX-HDPro point to point fiber extender. Includes: [FX-HDPro-TX, FX-HDPro-RX, 2 x (PS5V3A)]

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:

