

Technical Specifications

SPECIFICATIONS FDX-2000	
Systems:	Windows 2000, XP and 2003 and Linux
Video Interface	DVI-D female Single link Resolution 1920 x 1200 @ 60 Hz DDC internal table can be reprogrammed
Keyboard/mouse	Keyboard Mini din color coded, supports PS2 compatible. Mouse Mini din color coded, PS/2, wheel mouse, 5-button mouse
Audio	Signal Type Stereo Audio Bandwidth 15MHz, 0dB Impedance 100 Ohm Connector 3.5mm mini jack, Female
RS232	RS232 Data up to 57,600 DB9 Support TXD, RXD, GND
Dimensions (Inches)	
Power Supply	110/240 -5VDC-3A
Fiber	• 700 ft. @ Multimode 62,5µ • 1,400 ft @ Multimode 50µ Fibre-Plug type SC
Compatible with all operating systems Compatible with all major KVM Switches Rack Mount options (19"): available	

© Copyright 2004 Smart-AVI, All Rights Reserved

Notice

The information contained in this document is subject to change without notice. Smart-AVI makes no warranty of any kind with regard to this material, including but not limited to, implied warranties of merchantability and fitness for any particular purpose.

Smart-AVI will not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material.

No part of this document may be photocopied, reproduced or translated into another language without prior written consent from Smart-AVI.

For the complete manual, visit www.smartavi.com.

ORDER INFO

Model	Description
FDX-2000	Point to point DVI-D, keyboard, mouse, Audio and RS232 fiber extender. Includes: [FDX-TX2000, FDX-RX2000, 2 x (PS5V3A)]

Smart-AVI

2840 N. Naomi Ave.
Burbank, California 91504
Phone: (818) 565-0011
Facsimile: (818) 565-0020

Smart-AVI
Smart Audio Video Integration

User Manual

FDX-2000



The FDX-2000 extends any single-link DVI-D signal, PS2 keyboard, mouse, and audio up to 1400 feet using multimode fiber optics.

www.smartavi.com

Introduction

The FDX-2000 extends any DVI-D signal, keyboard, mouse and audio up to 1400 feet with fiber cable.

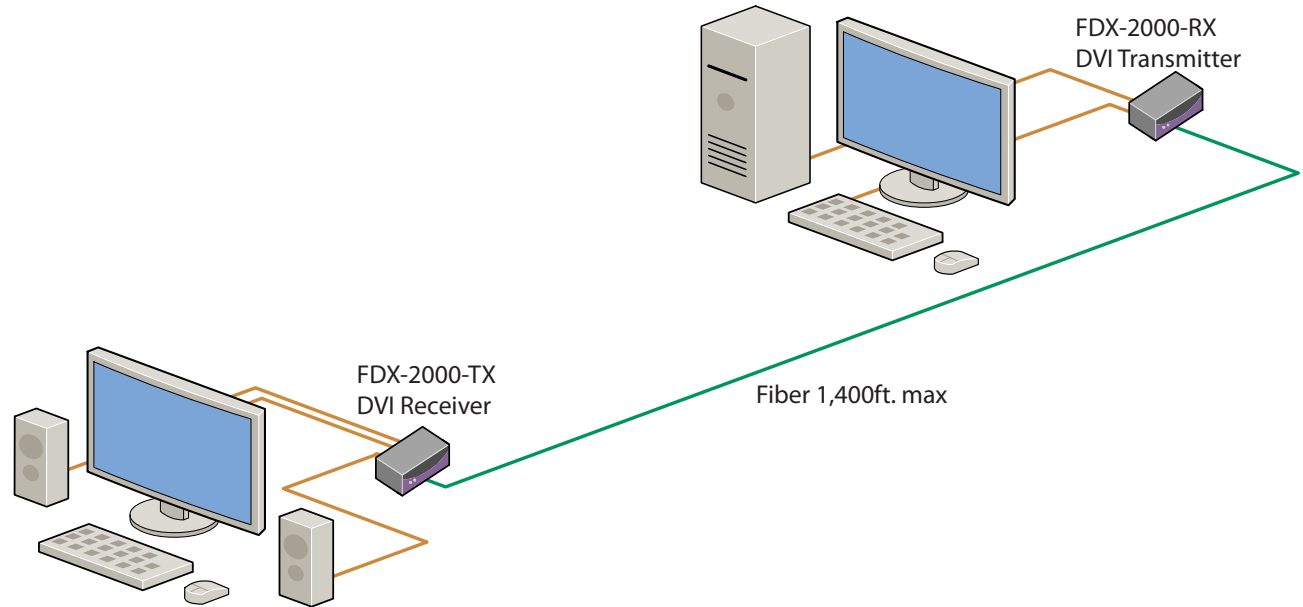
Features

- Top image quality at all resolutions.
- Video resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz) on all distances up to the maximum distance.
- User selectable: DCC-Information used from the remotely located monitor, from the locally located monitor or from an internal DDC table.
- Basic device to remotely locate monitor, keyboard/mouse and audio.
- Supports PS2-keyboard/mouse.
- Compatible with all operating systems.
- Compatible with all major KVM switches.
- Rack mount options (19"): mount up to 4 devices in a 19"/1U rack mount kit. This saves expensive rack space.
- Supports stereo sound.

Applications

- **Sharing:** Enables easy access to one server from remote location.
- **Security:** Safeguards the servers by storing them in a secure and climate controlled environment.
- **Saving:** Saves equipment costs, physical space and utilities expense.
- **Productivity:** Increases productivity by facilitating testing and performance evaluation of software and equipment, on multiple servers.
- **Multimedia:** Can be used in multimedia presentations where the presentation information is broadcasted to various KVMs.

Installation Diagram



Installation

1. Before installing any SmartAvi products, verify that the computer's DVI, mouse, keyboard, and sound all work properly when connected directly.
2. Power off computer and monitor.
3. Using compatible cables, connect the DVI, mouse, keyboard, and sound from the PC to the FDX-TX2000.
4. Connect and run 2 SC fiber from the FDX-TX2000 to the FDX-RX2000's location.
5. Plug in the DVI monitor, mouse, keyboard, and sound to the FDX-RX2000.
6. Connect the power supplies to the transmitter and receiver.
7. Turn on the computer and monitor.

Installing and preparing the Fiber

1. Fiber used, SC type
 2. 62.5μ fiber optic cable, 800 ft.
 3. 1400μ fiber optic cable, 1,400 ft
- SC Fiber

