TECHNICAL SPECIFICATION

USB	
Signal Type	USB 2.0
Input Interface (TX)	(1) USB Type B (Female)
Output Interface (RX)	(4) USB Type A (Female)

OTHER	
Power	External 100-240 VAC/5VDC3A
Dimensions	4.3" W x 1.1" H x 2.5" D
Weight	1.5 lb
Operating Temp.	0-55 °C (32-131 °F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95% (non-condensing)

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
USB2FX-TX	1	USB 2.0 over Fiber Transmitter
USB2FX-RX	1	USB 2.0 over Fiber Receiver
PS5VD3A	2	5V 3A Power Supply
Quick Start Guide	1	

NOTICE

DESIGNED AND MADE IN THE USA

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

USB2FX

USB 2.0 Extender over Fiber

EXTENDS USB 2.0 UP TO 10 KM OVER FIBER CABLE IN SINGLE MODE
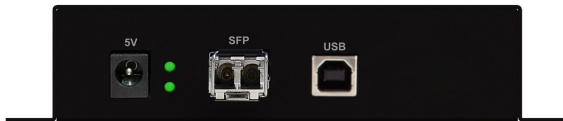
Quick Start Guide

OVEVIEW

SmartAVI's extends standard USB (Universal Serial Bus) 2.0 signals up to 10 km (6.2 miles) in Single mode and 500 ft in Multimode using a single fiber cable. The USB2FX supports all USB 2.0 high-speed devices, from keyboards to digital cameras, and will operate on Windows®, Mac® and Linux® operating systems. An integrated four-port hub allows for multiple devices to be connected to the USB2FX at once. Additional USB hubs can be added, increasing the number of devices that can be plugged into the USB2FX.

FEATURES

- Extend USB2.0 up to 10 km in Single mode and 500 ft in Multimode
- Supports All USB 2.0 and 1.1 Devices Transparently (Flash Drives, Printers, Cameras, Scanners, etc.)
- Supports USB 1.1 Keyboard and Mouse
- Works on Windows, Mac and Linux Operating Systems
- Integrated Four-Port Hub
- How-swappable SFP module
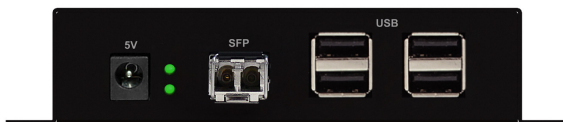- Power Adapter for Remote Unit
- Plug-and-Play

USB2FX-TX Front panel

USB2FX-TX Back panel

USB2FX-RX Front panel

USB2FX-RX Back panel

HARDWARE INSTALLATION

USB2FX-TX Transmitter

1. Power off all devices.
2. Connect the KM source device (computer) to the USB2FX-TX with a USB cable using the USB-B input port.
3. Insert an SFP transceiver into the SFP uplink port on the USB2FX-TX transmitter.
4. Install a fiber-optic cable into the SFP transceiver attached to the USB2FX-TX transmitter.
5. Connect a power supply to the USB2FX-TX.

USB2FX-RX Receiver

1. Insert an SFP transceiver into the SFP uplink port on the USB2FX-RX receiver.
2. Install the fiber-optic cable into the SFP transceiver attached to the USB2FX-RX receiver.
3. Connect the USB2FX-RX to the desired peripherals using the USB-A output ports.
4. Connect a power supply to the USB2FX-RX.
5. Power on all devices.

USB IN
USB OUT
FIBER

USB2FX Transmitter

Up to 10 km

USB2FX Receiver