Total Presentation Interface with DVI

TPI-PRO-DVI-2, 2 Multi-Format Inputs (FG2275-112)
TPI-PRO-DVI-4, 4 Multi-Format Inputs (FG2275-114)

Overview

The Total Presentation Interface-DVI – transforms third party touch screens into interactive displays with stunning control graphics and animation just like AMX Modero Touch Panels. Using the TPI-PRO-DVI, third party touch screens can simultaneously display up to 4 fully-scalable video windows, each supporting DVI, RGB, Component, S-Video, and Composite signals. Classrooms, courtrooms and conference rooms can use the TPI-PRO-DVI to easily switch between any of the four simultaneously displayed sources on the fly as well as annotate over any of the video sources in real-time. The TPI-PRO-DVI is the perfect tool to use with any large plasma or LCD display equipped with a touch overlay. Alternatively, the TPI-PRO-DVI output can be displayed on any monitor or projector and a USB keyboard/mouse can be used to navigate the system.

The TPI-PRO-DVI's multi-format ports support anything from Composite to DVI-I, future proofing the facility for the eventual changeover to all digital video. The TPI-PRO-DVI's built in digital video processor converts these older analog signals to digital – eliminating the need for multiple cable runs to the display.

Common Applications

TPI-PRO-DVI can be used in presentation environments to compare and annotate presentation materials, in medical environments to aid instruction by annotating over live video and digital x-rays, and in courtrooms to draw on, point to, and highlight multiple pieces of evidence.

Features

- Available in 2 or 4 inputs (both versions have dual outputs)
- Inputs: S-Video, Composite, RGBHV (up to 1920x1200), Component (up to 1080p), DVI-D (up to 1920x1200)
- Outputs: RGBHV and DVI-D up to 1920x1200 (WUXGA) at 60 Hz

- Integrated interactive annotation allows the presenter to write or draw on any of the live video images or a still picture and store annotations as JPEGs for later use.
- Easily integrates with Apple and Microsoft computers, saving space and extra equipment with the ability to control up to four Apple and/or Microsoft computers simultaneously via one USB keyboard and mouse
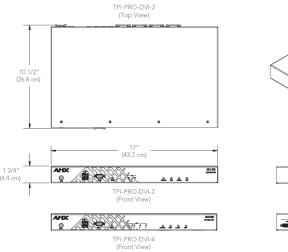
Specifications

GENERAL	
Dimensions (HWD)	1 3/4" x 17" x 10 1/2" (4.4 cm x 43.2 cm x 26.8 cm)
Rack Units	1
Weight	8.25 lbs (3.74 kg)
Power	Constant current draw: 2.6 A @ 12 VDC
Memory	256 MB 256 MB disk memory
Input Format	Composite, S-Video, Component, RGBHV, DVI 640 x 480 @ 60 Hz up to 1920 x 1200 @ 60 Hz
Output Format	RGBHV, DVI Up to 1920 x 1200 @ 60 Hz
Enclosure	Metal with black matte finish
Certifications	FCC Part Class B, CE, and IEC 609050
Included Accessories	•2-pin PWR connector (41-5025) •Assembly Kit (Four- #10-32 screws and Four-#10 washers) (KA0001) •TPI-PRO Quick Start Guide (93-2275-101) •Rack Ear brackets (Left/Right) for shelf, wall, and under-table mounting (60-0900-03)
Optional Accessories	•PSN4.4, 13.5 VDC, 4.4 A Power Supply with 3.5 mm Phoenix Connector (FG423-45) •PSN6.5, 13.5 VDC, 6.5 A Power Supply with (3) 3.5 mm Phoenix Connectors (FG423-41)

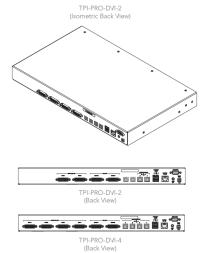| ACTIVE POWER REQUIREMENTS	
Power Consumption	Constant current draw: 2.6 A @ 12 VDC
Power Connector	(1) 2-pin, 3.5 mm screw terminal connector for 12 V power
External Power Supply Required	Optimal performance requires use of one of the following AMX power supplies (not included): •PSN4.4, 13.5 VDC, 4.4 A Power Supply with 3.5 mm Phoenix Connector (FG423-45) •PSN6.5, 13.5 VDC, 6.5 A Power Supply with (3) 3.5 mm Phoenix Connectors (FG423-41) AMX does not support the use of non-AMX power supplies

ENVIRONMENTAL	
Temperature (Operating)	0° C (32° F) to 40° C (104° F)
Temperature (Storage)	-10° C (14° F) to 70° C (158° F)
Humidity (Operating)	5% to 85% RH Non-Condensing
Humidity (Storage)	0% to 85% RH Non-Condensing

FRONT COMPONENTS	
Front Components	• DB9 RS-232 Serial Configuration Port • 2 USB Type-A ports for connecting up to one annotation touch monitor and up to one keyboard/mouse • LED Indicators - PWR, NetLinx Master status, and 4 yellow LEDs for each source input (TPI-PRO-DVI-4 only) • LED Indicators - PWR, NetLinx Master status, and 2 yellow LEDs for each source input (TPI-PRO-DVI-2 only) • Pushbuttons - RESOLUTION, TOUCH, CALIBRATE, and SETUP • Pushbutton - Power

REAR COMPONENTS	
Rear Components	• DVI-I connectors - 4 input sources (TPI-PRO-DVI-4 only) • DVI-I connectors - 2 input sources (TPI-PRO-DVI-2 only) • 4 USB Type-B ports for source mouse/keyboard control (TPI-PRO-DVI-4 only) • 2 USB Type-B ports for source mouse/keyboard control (TPI-PRO-DVI-2 only) • DB9 RS-232 touch input connector for serial touch overlays • 2 USB Type-A ports for USB touch overlays (can also be used for keyboard and mouse control) • 2 DVI Output connectors to send out a maximum resolution of 1920 x 1200 @ 60 Hz • 1 RJ-45 Ethernet port for network control • 3.5 mm mini-jack for audio output • 1 2-pin, 3.5 mm screw terminal connector for 12 V power

TPI-PRO-DVI-2 (Top View)

TPI-PRO-DVI-2 (Isometric Back View)

10 1/2" (26.8 cm)

17" (43.2 cm)

1 3/4" (4.4 cm)

TPI-PRO-DVI-2 (Front View)

TPI-PRO-DVI-2 (Back View)

TPI-PRO-DVI-4 (Front View)

TPI-PRO-DVI-4 (Back View)

About AMX

AMX hardware and software solutions simplify the implementation, maintenance, and use of technology to create effective environments. With the increasing number of technologies and operating platforms at work and home, AMX solves the complexity of managing this technology with reliable, consistent and scalable systems. Our award-winning products span control and automation, system-wide switching and audio/video signal distribution, digital signage and technology management. They are implemented worldwide in conference rooms, homes, classrooms, network operation / command centers, hotels, entertainment venues, broadcast facilities, and more. ©2013 AMX. All rights reserved.
Specifications subject to change. Revised 25-Feb-13.

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