

# SmartLink-III™ Series

# TSV0104W

## 10.4" Touch Screen w/ Video

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### Features and Functions

- Simple installation
- 10.4" 256-color active-matrix LCD
- 640 x 480 pixels screen resolution
- Adjustable-size NTSC/PAL/SECAM video window

### Description

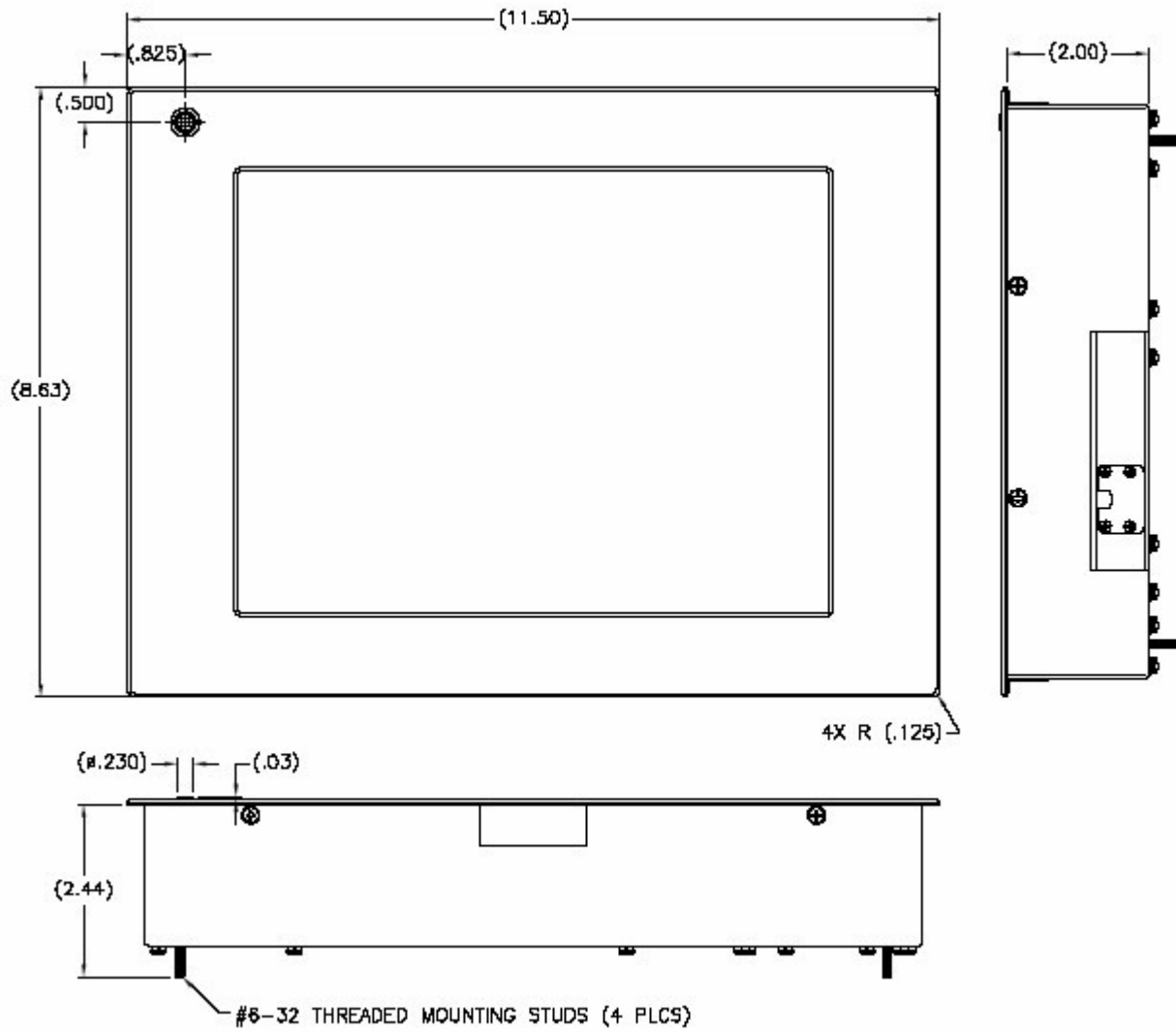
The TSV0104W provides simplified full-size touch control on walls, in lecterns, and on other flat surfaces. The panel communicates with the control system over the RS-485 data bus by using the SL-1981V module. The TSV0104W panel has a color active-matrix 10.4" LCD, control graphics and a video window that can be resized. Enjoy high-resolution color graphical control and view NTSC/PAL/SECAM video from the same touch panel. Enhanced graphics add power, depth, and more choices for color imaging.

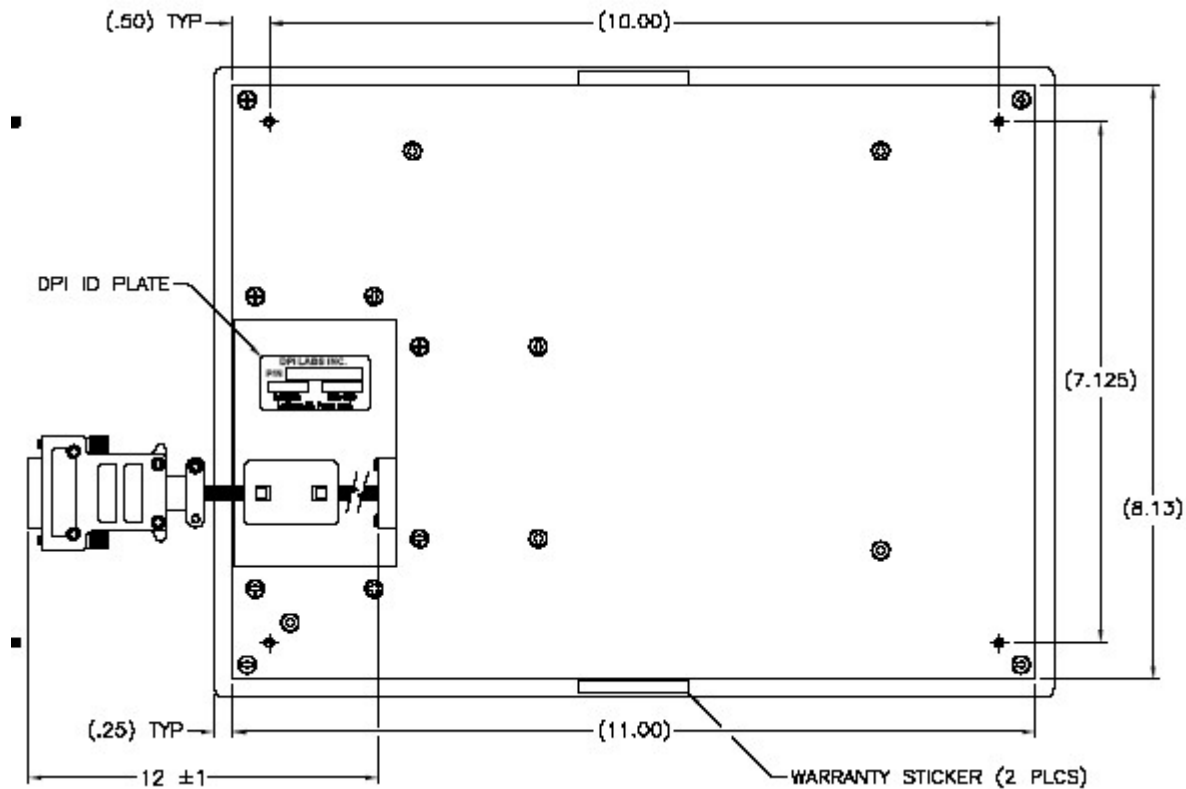
### Application

- High-end In-Flight Entertainment System Control Console and Monitor
- Re-configurable, Menu Driven Full Features CMS Management Console
- Re-configurable, Menu Driven Full Features CSO Station Management Console
- SmartLink-III™ system Management Console

### Mechanical Specification

- All dimensions are in Inch
- Material 5052-H32 Aluminum
- Chem-Film back case
- Custom Finish Bezel
- Weight 6.8 lbs





## Electrical Specification

- **Operating Voltage:** 12 VDC From SL-1981V
- **Operating Current:** 1.0 Amps Typical
- **Operating Temperature:** -10 ~ +55 °C
- **Display Type:** 10.4" TFT Color LCD
- **Resolution:** 640 x 480 Pixel
- **Color Depth:** 32K RGB
- **Touch Screen:** Full Screen, Resistive @ 5mm Grids
- **Sensitivities:** < 4 Oz Pressure Activates
- **Configuration Memory:** 5 MB (4MB Flash)
- **Reconfiguration:** Yes
- **Firmware Upload:** Yes, via SL-1981V
- **Video Display:** Firmware Resizable
- **Video Format:** NTSC/PAL/SECAM
- **Video Sensitivity:** 1Vp-p @ 75ohm Un-Balance
- **Audio Format:** Stereo Headphone Jack Direct Pass-Thru
- **Setup BIOS:** Yes
- **Custom Menu:** Memory Dependant
- **Connector:** Combo-D Series with #4-40 Jackscrew ('P' suffix with Positronic's V3 Tab)

## System Interconnect Connector

Label	Description	Connector Type
J2	System Interface Connector (to SL-1981V)	Combo-D 11W1 pin Plug (Male)

### Connector Pinouts

J2 System Interface Connector D-Sub 11W1pin Plug (Male)			
PIN	FUNCTION	PIN	FUNCTION
1	Chassis / Frame Ground	9	Audio Left (-)
2	GND-Touch Screen	10	Audio Right (-)
3	PWR-Touch Screen	A1	Video In
4	AXP		
5	AXM		
6	Audio Shld		
7	Audio Left (+)		
8	Audio Right (+)		

### Installation Notes:



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