TLP 710TV

7" TABLETOP
TOUCHLINK™ TOUCHPANEL

▸ **7" widescreen high resolution color touchscreen**

▸ **Full-Motion video display supports preview and monitoring applications**

▸ **Integrated Ethernet port compatible with IP Link control processors**

▸ **Power over Ethernet allows the touchpanel to receive power via the Ethernet connector**

▸ **Built-in speaker provides audio for the full-motion video preview and audible feedback from button presses**

▸ **Energy-saving features:**
   - Adjustable sleep timer puts touchpanel into sleep mode
   - Motion detector wakes touchpanel

▸ **Automatic clock synchronization with control processor for accurate time/date display**

▸ **Weighted base allows up to 45° of tilt**

▸ **Sits on a tabletop or installs on a VESA mount**

▸ **GUI Configurator software for template-based touchscreen layout design**

▸ **Easy control system setup using included Global Configurator software**
   - No programming required

The Extron TLP 710TV is a configurable 7" tabletop TouchLink Touchpanel featuring a contemporary, thin bezel design that complements the aesthetics of any environment. An integrated MTP twisted pair receiver accepts S-video or composite video and audio input signals over standard CAT 5 cable. Power over Ethernet - PoE allows the touchpanel to receive power via the Ethernet connector instead of an attached power source. The TLP 710TV is ideal for a wide variety of applications that require a compact tabletop or VESA touchpanel with flexible connectivity and advanced control capabilities.

Extron® Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The **TLP 710TV** is a configurable 7" tabletop TouchLink Touchpanel. The touchpanel features a widescreen, high resolution touchscreen display and an attractive, thin bezel. A scalable, full motion video preview window displays content from composite or S-video sources via the integrated MTP receiver.
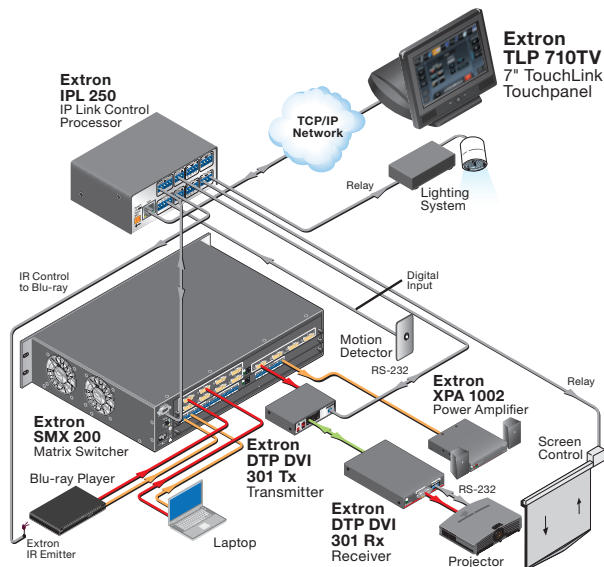
The TLP 710TV works in conjunction with any Extron IP Link® control processor and is designed for use in AV system applications that require complete, interactive control of conferencing systems, displays, switchers, and other devices. The TLP 710TV and IP Link control processors communicate using a standard Ethernet network, allowing utilization of existing infrastructure, or easy installation with cost-effective CAT 5 cable.

GUI Configurator software makes configuration of the touchpanel easy, with no graphic design skills required. This software offers ready-to-use templates for single display rooms, dual display rooms, divisible rooms, multi-image systems, and video conference suites. These designs may be used as is, or customized for the application by simply changing individual graphic elements.

KEY FEATURES

- 7" widescreen high resolution color touchscreen
- Full-Motion video display supports preview and monitoring applications
- Integrated Ethernet port compatible with IP Link control processors
- Power over Ethernet allows the touchpanel to receive power via the Ethernet connector

APPLICATION DIAGRAM

SPECIFICATIONS

DISPLAY	
Screen type	Active matrix TFT color display
Size	7" (17.8 cm), measured diagonally
Resolution	800x480
Aspect ratio	Widescreen
Color depth	18 bit, 256k colors
Contrast	400:1
Viewing angle	±70° horizontal, +60°/-70° vertical
MEMORY	
SDRAM	128 MB for graphics processing
	8 MB for system use
Flash	32 MB for project storage
	16 MB for system use
CONTROL — ETHERNET INTERFACE	
Ethernet data rate	10/100Base-T, half/full duplex with autodetect
Ethernet protocol	ICMP, IP, TCP (control), UDP, DHCP, Telnet
VIDEO INPUT	
See S-video or composite video MTP transmitters or TLP VIM specifications	
Number/signal type	1 S-video or composite video, as part of a set of proprietary signals
AUDIO INPUT	
See S-video or composite video MTP transmitters or TLP VIM specifications	
Number/signal type	1 stereo, balanced/unbalanced, line level, as part of a set of proprietary signals
Connector	1 female RJ-45 (shared with video input)
AUDIO OUTPUT	
Speaker output	1 mono, 86 dB SPL, 0.1 watt, 0.1 m, half space
Playback format(s)	WAV files: 8 bit PCM, mono, 8 kHz sampling
GENERAL	
Power supply	External:
	Input: 100-240 VAC, 50-60 Hz
	Output: PoE 802.3af compliant, 48 VDC, 0.35 A, 16.8 watts
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
	Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Mounting Furniture or wall mount	Set on tabletop or mount to optional VESA D 75 mm panel mount kit
Adjustment ranges	Tilts through a 45° range
Enclosure dimensions	6.1" H x 7.5" W x 7.3" D (15.5 cm H x 19.0 cm W x 18.6 cm D) (Includes base. Total height and depth depends on screen tilt. See the following diagrams.)
Product weight	3.8 lbs (1.7 kg)
Regulatory compliance Safety	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI
Environmental	Complies with the applicable requirements of RoHS and WEEE.
MTBF	30,000 hours
Warranty	3 years parts and labor; touchpanel display and overlay components are covered for 1 year

Model	Version Description	Part number
TLP 710TV	Black - Tabletop	60-1208-02

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.