

Specifications

TLP Pro 525M Series and TLS 525M

Display

Screen type	TFT Active matrix color LCD
Size	5" (12.7 cm), measured diagonally
Resolution.....	800x480 (WVGA)
Pixel density.....	186.6 PPI
Aspect ratio	5:3
Color depth.....	24 bit, 16.7 million colors
Transparency	8 bit
Brightness	850 nits (cd/m2)
Contrast.....	700:1
Backlight.....	LED
Viewing angle.....	±70° horizontal, ±70° vertical
Touch screen	Capacitive

Memory

RAM	2 GB
Storage.....	4 GB

Ethernet

Connectors.....	1 female RJ-45 connector
Data rate.....	10/100/1000Base-T, half/full duplex with autodetect
Protocols	DHCP, DNS, HTTP, HTTPS, ICMP, SFTP, SSH, TCP/IP, UDP/IP
Default settings	Link speed and duplex level = autodetected IP address = 192.168.254.251 Subnet mask = 255.255.255.0 Default gateway = 0.0.0.0 DHCP = off DNS = 127.0.0.1

Software

TLP Pro 525M Series	
Configuration software.....	Global Configurator Plus and Professional, GUI Designer
Programming software	Global Scripter
Control apps	Extron Control, iGVE
Resource management	
software	GlobalViewer Enterprise, iGVE
Utilities.....	Toolbelt, Embedded web page
TLS 525M	
Configuration software.....	Room Agent

Sensors

Motion sensor.....	On/off
Light sensor.....	Auto/manual

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USB

Quantity/type	1 high-speed USB 2.0
Connectors	1 Micro-B receptacle
Standards	USB 2.0, USB 1.1, USB 1.0 compatible
Max. data rates	Low speed (1.5 Mbps), full speed (12 Mbps), high speed (480 Mbps)

Digital input

Quantity/type	1 digital input (configurable)
Connectors	(1) 3.5 mm captive screw connector, 2 pole
Digital input(s)	
Input voltage range	0 to 24 VDC, clamped at +30 VDC
Input impedance	≥10k ohms
Programmable pullup	1k ohms to +5 VDC
Threshold low to high	2.8 VDC
Threshold high to low	2.0 VDC
Pin configuration	1 = Digital input, 2 = Gnd

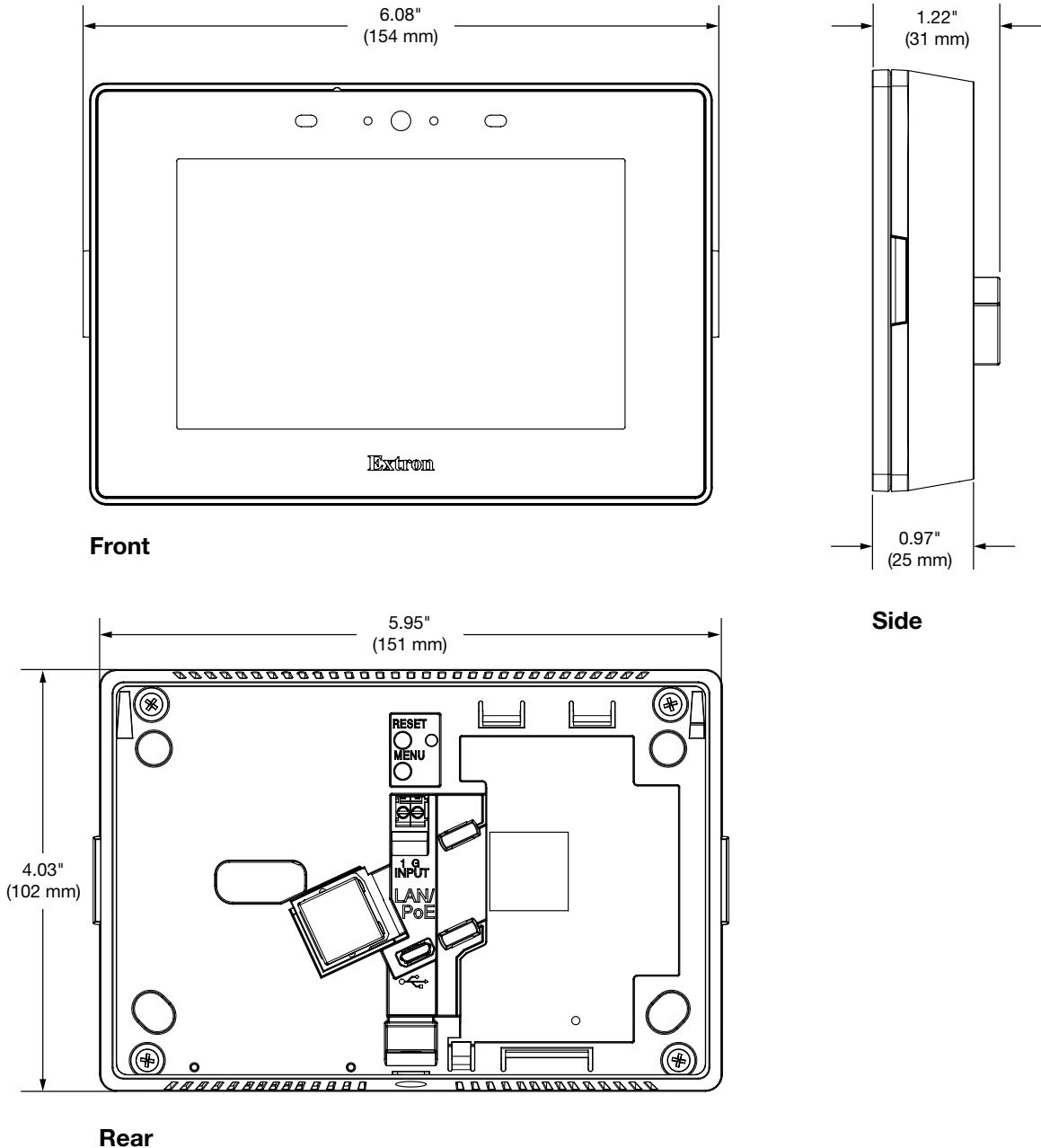
Audio output

Speaker output	1 mono, 89 dB Max. SPL @ 0.1 m
Frequency response	750 Hz to 20 kHz, ±5 dB
Playback format(s)	
Container format	WAV (Microsoft RIFF)
Encoding	LPCM (uncompressed)
Bit depth	Unsigned 8-bit Signed 16-bit Signed 24-bit Signed 32-bit
Sampling rate	Up to 192 kHz
Audio channels	Mono or stereo

General

Power supply	Not included
Power input requirements	Power over Ethernet (PoE 802.3af, class 3)
Power consumption — Power injector (XTP PI 100)	
Device	6.5 watts
Device and power injector	9.3 watts
Auxiliary power output	
USB	5 VDC, 275 mA
Temperature/humidity	Storage: -4 to +140 °F (-20 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +104 °F (0 to +40 °C) / 10% to 90%, noncondensing
Cooling	Convection, vents on back
Thermal dissipation — Power injector (XTP PI 100)	
Device	17.3 BTU/hr
Device and power injector	26.9 BTU/hr
Mounting	Wall, furniture, glass, or rack
Enclosure type	Plastic

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Enclosure dimensions	4.03" H x 6.08" W x 1.22" D (102 mm H x 154 mm W x 31 mm D) Touchpanel projects 0.97" (25 mm) from the mounting surface
Product weight	0.80 lbs (0.36 kg)
Regulatory compliance.....	CE, C-tick, c-UL,FCC Class B, ICES, RoHS, UL, VCCI, WEEE
Warranty	3 years parts and labor; touchpanel display and overlay components are covered for 1 year

- NOTE:**
- All nominal levels are at $\pm 10\%$.
 - Specifications are subject to change without notice.
 - Shipping dimensions and weights are available at www.extron.com.

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