Specifications

TLP Pro 320M

Display

Screen type .... Active matrix TFT color display
Size .... 3.5" (8.9 cm), measured diagonally
Resolution..................................... 320x240
Dot/pixel pitch.............................. 114 dpi
Aspect ratio .... Standard
Color depth................................... 256k colors
Transparency .... 8 bit alpha channel
Brightness .... 225 nits (cd/m^2)
Contrast.. 80:1
Backlight....................................... LED
Viewing angle................................ ±50° horizontal, ±50° vertical
Touch screen .... Resistive

Memory

SDRAM... 512 MB
Flash.. 512 MB

Control — Ethernet interface

Ethernet control/communications port
                                              1 female RJ-45 connector
Ethernet data rate .... 10/100Base-T, half/full duplex with autodetect
Ethernet protocol .... 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
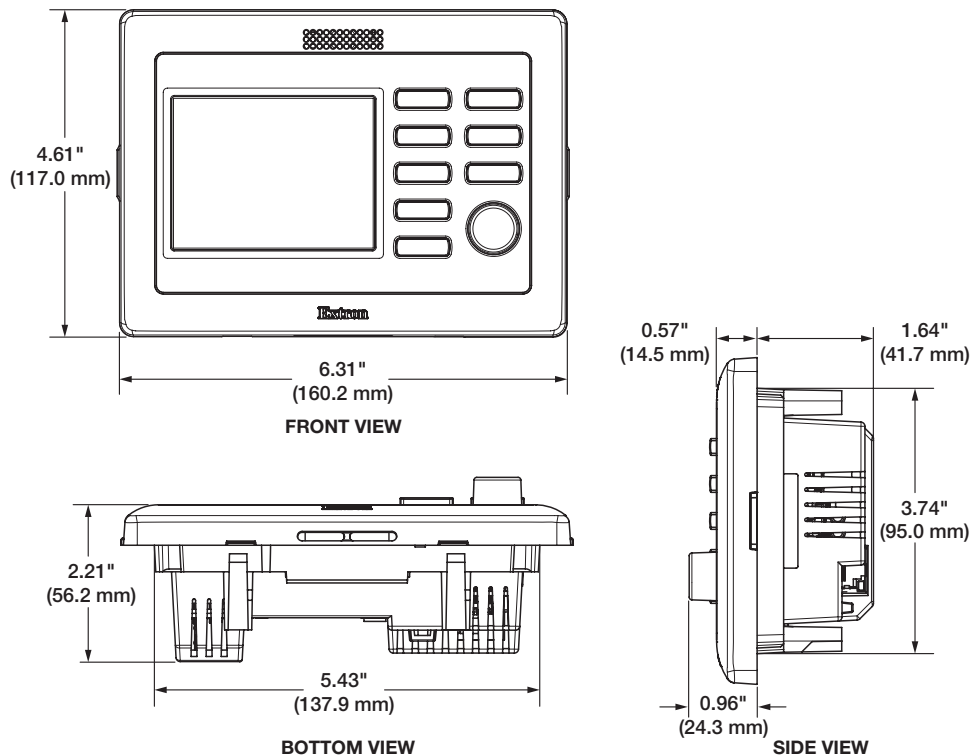Software tools................................ Extron Global Configurator Plus and Professional
                                              Extron GUI Designer

Control — touchpanel

Motion sensor................................ On/off
Light sensor .... On/off
External buttons............................. 8 backlit, customizable

Audio output

Speaker output .... 1 mono, 86 dB SPL, 0.1 watt, 0.1 m, half space
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 .... 2 kHz to 192 kHz
    Audio channels....................... Mono or stereo

General

Power supply .... Not included
Power input requirements .... 12 VDC
or Power over Ethernet (PoE 802.3af, class 2)
Power consumption — Power injector (XTP PI 100)
    Device .... 4.6 watts
    Device and power injector .... 7.1 watts
Power consumption — 12 VDC power supply (PS 1210C)
    Device .... 2.6 watts
    Device and power supply .... 3.8 watts
Temperature/humidity .... Storage: -4 to +140 °F (-20 to +60 °C) / 10% to 90%, noncondensing
Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling .... Convection, vents on top and bottom
Thermal dissipation — Power injector (XTP PI 100)
    Device .... 15.4 BTU/hr
    Device and power injector .... 24.2 BTU/hr
Thermal dissipation — 12 VDC power supply (PS 1210C)
    Device .... 8.8 BTU/hr
    Device and power supply .... 12.9 BTU/hr
Mounting
    Rack mount............................. With optional kit
    Furniture or wall mount............ With included hardware
Enclosure type .... Plastic

4.61"
(117.0 mm)

6.31"
(160.2 mm)

FRONT VIEW

0.57"
(14.5 mm)

1.64"
(41.7 mm)

3.74"
(95.0 mm)

2.21"
(56.2 mm)

5.43"
(137.9 mm)

BOTTOM VIEW

0.96"
(24.3 mm)

SIDE VIEW

Enclosure dimensions
    Faceplate .... 4.61" H x 6.31" W x 0.57" D
(11.71 cm H x 16.03 cm W x 1.45 cm)
    Enclosure .... Excluding mounting flange:
3.74" H x 5.43" W x 1.64" D
(9.50 cm H x 13.79 cm W x 4.17 cm)

Product weight .... 0.80 lbs (0.36 kg)
Shipping weight .... 2 lb (1 kg)
Vibration .... ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance
     Safety...................................... CE, c-UL, UL
     EMI/EMC................................. CE, C-tick,FCC Class A, ICES, VCCI
     Environmental.......................... Complies with the appropriate requirements of RoHS and WEEE.
Warranty .... 3 years parts and labor; touchpanel display and overlay components are covered for 1 year

> **NOTE:**   All nominal levels are at ±10%.

> **NOTE:**   Specifications are subject to change without notice.

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