

Product Spec Sheet

46" ELO 4600L Interactive Digital Signage (IDS) Touch Display



Mfr Part No. 4600L
Rentex Product No. TCH4620

Detailed Specifications

LCD technology	Active matrix TFT LCD
Screen Area	Horizontal: 40.1" (1018 mm); Vertical: 22.5" (573 mm)
Diagonal size	46"
Aspect ratio	16:9
Native resolution	1920 x 1080
Colors	16.7 million
Brightness	LCD panel: 450 nits; with APR: 405 nits; IntelliTouch: 405 nits; optical multi-touch: 405 nits
Response time	8 msec
Viewing angle	Horizontal: $\pm 89^\circ$ or 178° total; Vertical: $\pm 89^\circ$ or 178° total
Contrast ratio	3000:1
Input video format	Analog VGA, HDMI 1.3
Input video signal connector	Female DE-15 for Analog VGA; HDMI Type A receptacle for HDMI
Input frequency	Horizontal: 32-80 kHz; Vertical: 48-62 Hz

The Elo Touch Solutions 46-inch 4600L is a large-format canvas for commercial interactive media applications bringing interactivity to digital signage. By combining precision touchscreen technology with a professional-grade, large format LCD panel, the 4600L is rugged enough to last in high traffic, public access environments.

Features

- 1920 x 1080 Native Resolution
- Optical for up to 4 touches and gesture support
- IntelliTouch single-touch surface acoustic wave (SAW) touchscreen stands out for consistent reliability
- Seamless, zero-bezel Acoustic Pulse Recognition (APR) for an elegant appearance and touch recognition by finger, prosthetic, stylus, card, or pen

Touchscreen technology	Zero-bezel Acoustic Pulse Recognition (APR); IntelliTouch SAW; optical multi-touch
Speakers	A pair of 10 W stereo speakers facing down
Audio input connector	3.5 mm TRS jack
Audio input signal range	1 Vrms max stereo signal
Headphone output connector	3.5 mm TRS jack
Headphone output signal	Delivers 90 mW of power into a 32 ohm stereo load
Power supply	Internal AC
Input voltage	100-240 VAC, 50/60 Hz
Power connector	IEC 60320 C14
Power consumption	Monitor only: ON, max. audio, 100 V/60 Hz: 234 W; SLEEP, 100 V/60 Hz: 12.5 W; OFF, 100 V/60 Hz: 11.5 W
Dimensions	44.1 x 26.1 x 5.3 inches (WxHxD)
Weight	Without Computer Module: 82.1 lbs With Computer Module: 87.7 lbs