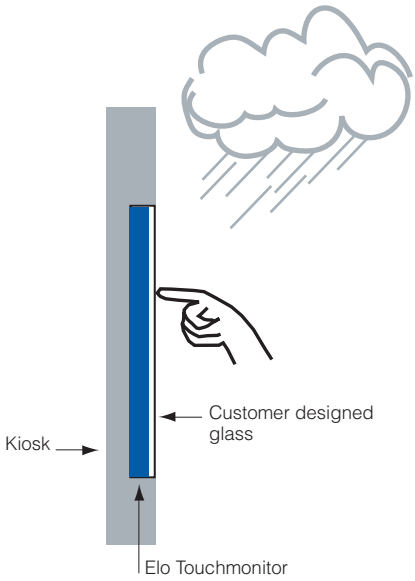
tyco Electronics

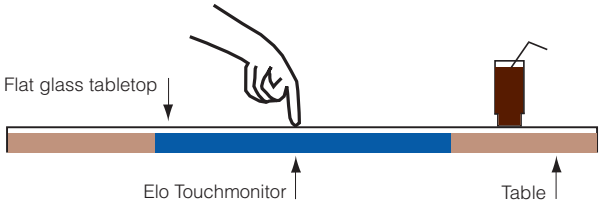
elo TOUCHSYSTEMS

1547L 15" LCD with Projected Capacitive Technology

BENEFITS:

- Touch sensor unaffected by rain, snow, ice, and dust
- Works through glass and on truly flat surfaces
- Vandal and scratch resistant
- Stable, drift-free operation that can be activated by a finger or gloved hand
- Elo touch technology means exceptional picture quality





1547L ThruTouch monitor (overlay glass shown for illustrative purposes only)

1547L DirectTouch monitor

The Entuitive 1547L 15" Liquid Crystal Display (LCD) touchmonitor uses the latest projected capacitive touchscreen technology with a choice of DirectTouch or ThruTouch options enabling touches to be sensed through a protective layer in front of the display.

The 1547L ThruTouch model is optimized to operate through customer supplied non-metallic materials, such as a store window or vandal-resistant materials up to 18 mm thick. This allows the complete system to have unsurpassed resistance to impacts, scratches and vandalism commonly found in public-access applications. Oversized glass may also be used to create a true flat front surface, eliminating the recessed touch surface and bezel typically found in other systems, which can create a trap for dirt and liquids. This is an important feature for ticketing machines and other outdoor systems as well as tabletop and bartop applications. Furthermore, the sensing technology is unaffected by moisture, heat, rain, snow and ice, operates even with gloves, and is completely unaffected by spills and dirt or harsh cleaning fluids.

The 1547L DirectTouch model includes an integrated 7.8 mm tempered glass surface with watertight minibezel. The thick, tempered glass is vandal and scratch resistant making it suitable for public use.

Ideally suited for outdoor and through-glass public access applications:

- ATMs
- Web phones
- Ticket machines
- Pay-at-the pump gas machines
- Virtual shop windows
- Outdoor kiosks
- Gaming and amusement bartop games

tyco Electronics

1547L WITH PROJECTED CAPACITIVE TECHNOLOGY

Case/Bezel color	Black
Display type	Active matrix TFT LCD; aspect ratio: 4 x 3
Display size	15" diagonal
Useful screen area	Horizontal: 11.97" (305 mm); Vertical: 8.98" (229 mm)
Maximum monitor dimensions	DirectTouch width: 18.1" (460 mm); height: 11.6" (296 mm); depth: 2.83" (72 mm) (including horizontal bracket installation; see dimensional drawing for details) ThruTouch width: 18.1" (460 mm); height: 11.5" (293 mm); depth: 2.52" (64 mm)
Dimensional drawing number	MS500443 (DirectTouch); MS500444 (ThruTouch)
Optimal (native) resolution	1024 x 768 at 60, 70, or 75 Hz
Other supported resolutions	1024 x 768 at 65 Hz (Sun); 832 x 624 at 75 Hz (Mac); 800 x 600 at 56, 60, 72, and 75 Hz; 720 x 400 at 70 Hz; 720 x 350 at 70 Hz; 640 x 480 at 60, 72, and 75 Hz; 640 x 480 at 66 Hz (Mac)
Colors	16 million colors with dithering
Brightness	LCD panel: 300 cd/m^2 LCD panel with touchscreen: 264 cd/m^2 (typical) ThruTouch brightness will vary with different materials/thicknesses that are used to cover the touchscreen
Viewing angle (from center)	Horizontal (left/right): ±75° or 150° total; vertical (up/down): 70/60° or 130° total
Contrast ratio	450:1
Input video format	Analog (no proprietary video card needed)
Input video signal connector	Mini D-Sub 15-Pin (female)
Input frequency	Horizontal: 31.5–60 KHz; vertical: 56–75 Hz
Power supply	Internal power supply; input (line) voltage: 100–240 VAC, 50–60 Hz
Temperature	Operating 0°C to 50°C; storage –30°C to 60°C
Humidity	Operating 20%–80%; storage 5%–90%; noncondensing
Weight with all options (approx.)	DirectTouch actual: 12.1 lb (5.5 kg); shipping: 18.7 lb (8.5 kg) ThruTouch actual: 11.6 lb (5.3 kg); shipping: 18.2 lb (8.3 kg)
Warranty	Integrated monitor: 2 years Backlight lamp life: min 40,000 hours to half brightness
User's controls	Remote OSD: auto/sel, up, down, menu with 1.8 m cable; OSD: contrast, brightness, H/V position, color, temperature, clock, phase, recall, OSD time, language (English, German, Spanish, Japanese, French); OSD disable/enable: power, volume, and/or OSD menu
Mounting options	75 mm VESA mount; panel cutout; mounting brackets included; 19" rack mount option (DirectTouch)
Agency approvals	UL/cUL, TÜV-GS, CE, FCC/IC/VCCI, C-Tick Class B

elo TOUCHSYSTEMS

Find out more about Elo's extensive range of touch solutions. Go to www.elotouch.com, or simply call the office nearest you.

Corporate Headquarters
Elo TouchSystems, Inc.
6500 Kaiser Drive
Fremont, CA 94555

800-ELO-TOUCH
Tel 1-510-739-5016
Fax 1-510-790-0627
eloinfo@elotouch.com

Europe Headquarters
Tel +32 (0)16 35 21 00
Fax +32 (0)16 35 21 01
elosales@elotouch.com

Asia-Pacific Headquarters
Tel +81 (45) 478-2161
Fax +81 (45) 478-2180
www.tps.co.jp

Latin America Headquarters
Tel 1-305-717-6715
Fax 1-305-717-4909
www.elotouch.com.ar

Elo TouchSystems reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products.

Copyright 2004 Elo TouchSystems, Inc. All other trademarks are the property of their respective owners. Printed in USA ELO153 2/04