

- Products
- Solutions
- Technologies
- Support
- How To Buy
- Partners
- About Elo
- Resources

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- [Desktop model](#)

[Home](#) > [Products](#) > [Discontinued](#) > [LCDs](#) >

1537L 15-inch Open-Frame Touchmonitor

selected part numbers discontinued September 2010; suggested [replacement](#) is identical in form, fit and mechanical design



[Features](#) • [Specifications](#) • [Documentation](#) • [Support](#) • [Part Numbers](#) • [Pricing](#) • [Accessories](#)

Elo chassis LCD monitors have a long-lasting product cycle because the enclosure is controlled by Elo specifications. Future panel improvements are therefore possible without external changes. The 1537L has a compact form factor with thin borders and multiple mounting options for easy integration. It features a high quality panel along with a unique, injection-molded minibezel with virtually invisible watertight seal and choice of touch technology.

SecureTouch in action - view a video of the [UL-60950 ball-drop test!](#)

Features

- Long lasting product cycle-enclosure controlled by Elo specifications
- Future generation panels phased-in without external changes
- Integrated precision minibezel with [watertight 0.5 mm seal](#)
- Mounting options including rear-mount (from top/bottom or sides) and [VESA mount](#)
- Available with [AccuTouch Five-Wire Resistive Technology](#), [Surface Capacitive](#), [Acoustic Pulse Recognition Technology](#), [CarrollTouch Infrared](#), [SecureTouch Surface Wave](#) or, for the ultimate in optics, [IntelliTouch Surface Wave Technology](#). (SecureTouch monitors use a 3 mm chemically strengthened glass touch sensor.)
- AccuTouch model, designed to meet IP65 (EU only)
- Dual serial/USB touch interface
- Multilingual on-screen display (OSD)
- Worldwide agency approvals
- 3-D electronic design files available

Specifications

Model	1537L
Form factor	Open-frame
Enclosure color	Steel/black
Diagonal size	15.0"
Aspect ratio	4:3
Useful screen area	Horizontal: 12.0" (304 mm) Vertical: 9.0" (228 mm)
Monitor dimensions	Width: 13.2" (336 mm) Height: 10.4" (264 mm) Depth: 1.6" (41 mm)
Native (optimal) resolution	1024 x 768 at 60 Hz
Other supported resolutions	1024 x 768 at 60, 65 (Sun), 70 or 75 Hz 832 x 624 at 75 Hz (Mac) 800 x 600 at 56, 60, 72 or 75 Hz 720 x 400 at 70 Hz 720 x 350 at 70 Hz 640 x 480 at 60, 66 (Mac), 72 or 75 Hz 512 x 256 at 60 Hz 512 x 247 at 60 Hz
Colors	16.2 million
Brightness (typical)	LCD panel: 250 nits AccuTouch: 200 nits Acoustic Pulse Recognition: 230 nits CarrollTouch: 230 nits IntelliTouch: 230 nits SecureTouch: 230 nits Surface capacitive: 213 nits
Response time - total (typical)	14.5 msec
Viewing angle (typical)	Horizontal: ±70° or 140° total Vertical: 60/55° or 115° total
Contrast ratio (typical)	500:1
Input video format	Analog VGA
Input video signal connector	Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal: 31.5-60.2 kHz Vertical: 56.3-75 Hz
Power supply	External DC - optional power brick Input voltage DC: +12VDC ±5% Input power connector specification (on Monitor) Type: DC Barrel Jack Barrel inner diameter: 6.4mm (+/- 0.3mm) Pin outer diameter: 2.0mm (+0.0 -0.1mm) Barrel depth: 8.8mm (+/- 0.3mm) Power connector (on Power brick) Type: DC Barrel Plug Barrel outer diameter: 5.5mm (+/- 0.1mm) Pin inner diameter: 2.1mm (+/-0.1mm) Barrel length: 9.5mm (+/- 0.5mm)
Power consumption (typical)	30 W
Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (noncondensing)	Operating: 20%-80% Storage: 10%-90%
Weight	Actual: 6.6 lb (3.0 kg) Shipping: 9.7 lb (4.4 kg)
Shipping box dimensions (W x D x H)	16.14" (410 mm) x 14.17" (360 mm) x 6.50" (165 mm)
Backlight lamp life	Typical 30,000 hours to half brightness
MTBF	50,000 hours demonstrated
Warranty	3 years
Optional Product Coverage	Extended Warranty (North America and EMEA only)
Agency approvals	North America/Worldwide: UL, cUL (Recognized), FCC, CE, TÜV-GS, VCCI, IC, C-Tick, Argentina S, CCC BSMI, MIC, China RoHS
On-screen display	Controls (optional remote with 1.8m cable): Auto/Sel, up, down, menu

(OSD)	Controls (back): menu, up, down, select, power Settings: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall Languages: English, German, Spanish, Japanese, French Lockouts: power, user controls
Mounting options	100 mm or 75 mm VESA mount Rear mount or with included standard mounting brackets Front mount with optional bezel (see Accessories for details) Rack mount with optional bracket (see Accessories for details)
Sealing	Touchscreen sealed to bezel Touchscreen sealed to LCD

Documentation

- Dimensional drawing
 - [MS600159 Rev H](#) (2.4 MB PDF)
 - AccuTouch designed for IP65 (EU only): [E788823](#) (172K PDF)
- 3D PDFs; requires [Adobe Reader 8.1 or newer](#)
 - [MS600159 Rev G](#) (APR) (186K PDF)
 - [MS600159 Rev G](#) (AccuTouch, IntelliTouch, surface capacitive) (214K PDF)
 - [MS600159 Rev G](#) (CarrollTouch) (207K PDF)
 - [MS600159 Rev G](#) (SecureTouch) (215K PDF)
- CAD drawings available [upon request](#)
- User Guide
 - [English](#) (436K PDF)
 - [Spanish](#) (Latin America) (462K PDF)
- [Agency approval certificates](#) (354K PDF)
- [Product data sheet](#) (134K PDF)
- [WEEE report](#) (178K PDF)
- Look up [product statement of compliance](#) by part number

Support

NOTE: The [Acoustic Pulse Recognition \(APR\)](#) and [Projected Capacitive](#) touch technologies are not supported by all operating systems. See the Technology notes for each driver on the [Driver and File Downloads page](#) to verify support for your touchscreen technology.

- [Drivers](#)
- [Operating system support](#)
- [Dual serial/USB controllers](#)
- [How to mount an open-frame LCD](#)
- [Long cables](#)
- [Multiple monitor setup \(Windows XP example\)](#)
- [Other technical topics](#)

Part Numbers

Technology ☐	Interface ☐	Surface Treatment	Part # (RoHS Compliant)	Availability
AccuTouch	Dual serial/USB	Antiglare	E701210	Worldwide
Acoustic Pulse Recognition	USB	Antiglare	E005652	Worldwide
CarrollTouch	Dual serial/USB	Antiglare	E461378	Worldwide
IntelliTouch	Dual serial/USB	Antiglare	E512043	Worldwide
SecureTouch *	Dual serial/USB	Antiglare	E731919	Worldwide
Surface capacitive	Dual serial/USB	Antiglare	E344035	Worldwide

* SecureTouch monitors use a 3 mm chemically strengthened glass touch sensor.

Power Brick and Cable Kit: 12V, 4.16A, 50W (sold separately)

Part #	Region	Product Description
E348315	N. America	North America power brick
E162361	EMEA	European power brick
E334749	U.K.	UK power brick
E834397	China	China power brick
E953228	Taiwan	Taiwan power brick
E986605	Korea	Korea power brick
E033396	Japan	Japan power brick
E707702	Argentina	Argentina power brick

Pricing

For pricing information, please:

- [login to shop online](#) (**U.S. delivery only**)
- contact an [Elo office](#)
- request a [quotation](#)
- contact an [authorized Elo distributor](#) (**resellers/OEMs only**)

Accessories

Front-Mount Bezel: For front mounting. Part number E323425, available at additional cost. See the dimensional drawing (under [Documentation](#), above) for mounting options and details.

Optional IntelliTouch/iTouch Stylus Pen: Stylus pen with rubber tip, designed specifically for use with IntelliTouch or iTouch surface wave touch technology. Part number D82064-000, available at additional cost.



Optional Mounting Brackets: Two standard ("L") mounting brackets are included; additional set of two, part number E203787, available at additional cost, minimum shipment quantity of 50 sets.

Rack-Mount Bracket: For compatibility with 19" industrial racks. Part number E295006, available at additional cost. See the dimensional drawing (under [Documentation](#), above) for mounting options and details.



Remote On-screen Display (OSD): With 1.8 m cable. Part number E622897, available at additional cost.

Touch/Video Cables: Detachable touch and video cables are included.

MTBF (Mean Time Between Failures)

An MTBF measurement is based on a statistical sample and is not intended to predict any one specific unit's reliability; thus MTBF is not, and should not be construed as, a warranty measurement.

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