



# 1215L 12" LCD Desktop Touchmonitor

## Elo's 1215L desktop LCD touchmonitor is designed,

developed, and built to provide the most cost-effective solutions for systems integrators, resellers, and OEMs, and complements Elo's expanding family of touch solutions for applications in the retail and hospitality markets. This compact touchmonitor is "designed for touch" from the ground up, with Elo's expertise and reliability built in, and not added by altering an existing monitor.

The 1215L desktop LCD touchmonitor is available with a choice of Elo's AccuTouch five-wire resistive, IntelliTouch surface wave, or surface capacitive touch technologies, plus a dual serial/USB touch interface. The monitor is factory sealed against dust, dirt, and liquid splashes. Worldwide approvals cover the entire monitor that is designed, built, serviced, and supported by Elo, a true single source supplier.

## Features

- Small footprint of a 12" LCD
- Up to 800 x 600 resolution at 75 Hz
- Available with AccuTouch five-wire resistive technology, the most widely used for retail applications (activated with fingernails, gloves, credit cards, or any stylus),

IntelliTouch surface wave technology for superior image quality (activated with finger or glove), or surface capacitive technology for compatibility with some existing systems

- Touchscreen sealed against spills
- Dual serial/USB interface
- Removable base and VESA mounting option
- Mounting holes on base bottom for tabletop security
- Controls on the side, plus lockout function for public use
- Digital on-screen display (OSD)
- Internal power supply
- Worldwide agency approvals

## Applications

- Point-of-sale (POS)
- Point-of-service
- Loyalty systems
- Countertop kiosk information systems (KIS)
- Internet access points
- Guest check in and check out

# 1215L 15" LCD Desktop Touchmonitor Specifications

Case/Bezel Color	Dark gray
Display	Size: 12.1" diagonal Type: Active matrix TFT LCD Aspect ratio: 4 x 3
Useful screen area	Horizontal: 9.7" (246 mm) Vertical: 7.27" (184.5 mm)
Monitor dimensions	Width: 11.86" (300.93 mm) Height: 11.26" (285.85 mm) Depth: 6.61" (167.69 mm)
Optimal (native) resolution	800 x 600 at 56, 60, 70 or 75 Hz
Other supported resolutions	640 x 480 at 60, 66 Hz (Mac), 72 or 75 Hz
Colors	16.2 million with dithering
Brightness	LCD panel: 200 nits (typical) with AccuTouch: 164 nits (typical) with IntelliTouch: 184 nits (typical) with Surface Capacitive: 170 nits (typical)
Response time	35 msec (typical)
Viewing angle (typical, from center)	Horizontal (left/right): ±70° or 140° total Vertical (up/down): 50° or 100° total
Contrast ratio	500:1 (typical)
Input video format	Analog (no proprietary video card needed)
Input sync format	Separate horizontal and vertical sync, composite sync and sync-on-green
Input video signal connector	Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal: 31.5-48 kHz Vertical: 56.3-75 Hz
Power supply	Type: Internal, with jack to accept power from optional external brick AC Input (line) voltage: 85-265 VAC, 47-63 Hz DC Input (line) voltage: 12.0 V ± 0.75V
Power dissipation	16 W typical, 20 W max.
Temperature	Operating: 0°C to 40°C Storage: -20°C to 60°C
Humidity	Operating: 20%-80% Storage: 10%-90% noncondensing
Weight (approx.)	Actual: 7.92 lb (3.59 kg) Shipping: 13.2 lb (5.99 kg)
Warranty	Monitor: 3 years Backlight lamp life: minimum 50,000 hours to half brightness MTBF: 50,000 hours demonstrated
Optional Product Coverage	Extended Warranty (North America and EMEA only)
Agency approvals	UL/cUL, TÜV-GS, CE, FCC/IC/VCCI/C-Tick Class B
On-screen display (OSD)	Digital OSD
User's controls	OSD buttons: menu, up, down, select, power OSD: contrast, brightness, H/V position, recall default, RGB (color temp), OSD exit, clock, phase, sharpness, OSD H/V position, OSD time, auto adjust, language (English, German, Spanish, Japanese, French), input select OSD disable/enable: power, OSD menu
Mounting options	Threaded-through mounting holes, under base Removable base 75 mm VESA mount
Other features	Security lock receptacle

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

## North America

Elo TouchSystems  
301 Constitution Drive  
Menlo Park, CA 94025-1110

800-ELO-TOUCH

Tel 1-650-361-4800  
Fax 1-650-361-4722

[customerservice@elotouch.com](mailto:customerservice@elotouch.com)

## Europe

Tel +32 (0)16 35 21 00  
Fax +32 (0)16 35 21 01  
[elosales@elotouch.com](mailto:elosales@elotouch.com)

## Asia-Pacific

Tel +81 (45) 478-2161  
Fax +81 (45) 478-2180  
[www.tps.co.jp](http://www.tps.co.jp)

## Latin America

Tel 786-923-0251  
Fax 305-931-0124  
[www.elotouch.com.ar](http://www.elotouch.com.ar)

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## 1509L 15" LCD Desktop Touchmonitor

### The Elo TouchSystems 1509L 15" Desktop Touchmonitor

is an attractively designed wide-screen touchmonitor solution, primarily intended for general applications including hospitality and retail environments. Without compromising the principles of 'built for touch' and high quality upon which the Elo TouchSystems brand is built, the 1509L has been designed to fit the tightest of budgets.

The 1509L's 15-inch widescreen format is intended to save space physically, while offering additional on-screen space. This allows for extra content such as additional sidebar menus, on-screen keypads or additional columns of information. In addition, the widescreen design prevents blocking eye contact to customers and improves customer interaction.

The 1509L is available with IntelliTouch surface acoustic wave touchscreens, one of the well-established, industry-leading touchscreen technologies from TE Connectivity. The pure glass construction allows high light transmission without compromising durability or functionality. With no moving parts to wear out, touch response is fast, accurate, and drift-free using a finger, gloved hand, or soft stylus.

Furthermore the monitor can be affixed to a counter, or when the stand is removed, mounted on a wall or to a pole, and its LED backlight significantly reduces power

consumption. The 1509L provides a practical, reliable Elo TouchSystems touchmonitor combining top touchscreen technology with a bottom price!

### Features and Benefits

- Pure, clear glass touchscreen for superior picture quality
- LED backlight significantly reduces power consumption
- Removable stand allows the monitor to be mounted on a wall or to a pole (via VESA bracket)
- Fixable to counter for extra security
- Wide-screen format provides more application space
- Sleek, integrated design offers a stylish look for public venues
- Optional, field-installable magnetic stripe reader (MSR)
- Cable management allows routing of the cable to either side of the monitor
- Touchscreen is sealed for resistance to water, dust, grease

# 1509L 15" LCD Desktop Touchmonitor Specifications

Bezel Color	Black
Active Display Area	Horizontal: 13.4" (344mm); Vertical: 7.6" (194mm)
Dimensions*	Width: 15.4" (392mm); Height: 11.2" (285mm); Depth: 9.0" (228mm) max
LCD Technology	Active matrix TFT LCD
Display Size	15.6" diagonal
On-Screen Display (OSD)	Accessible through switches along the bottom. Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Sharpness, Color Temperature, OSD Timeout, OSD Language, Recall Defaults; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power
Mounting Options*	VESA 4-hole 75mm mounting interface on rear of unit
Native Resolution	1366 x 768
Aspect Ratio	16:9
Preset Video Timings	640 x 480 at 60Hz; 800 x 600 at 60Hz; 1024 x 768 at 60Hz; 1280 x 800 at 60, 60RB Hz 1280 x 960 at 60Hz; 1280 x 1024 at 60Hz; 1360 x 768 at 60Hz; 1366 x 768 at 60, 60RB Hz
Number of Colors	16.7 million
Brightness (typical)	LCD Panel: 220 nits; IntelliTouch: 198 nits
Response Time (Tr + Tf) (typical)	16 msec
Viewing Angle (typical)	Horizontal: ±40° or 80° total; Vertical: +10° to -30° or 40° total
Contrast Ratio (minimum)	300:1
Video	Analog VGA on Female DE-15 connector; Input Video Horizontal Sync frequency range: 30 - 80KHz; Input Video Vertical Sync (frame rate) frequency range: 60Hz
Power	Monitor input power connector: Coaxial power jack (2mm pin outer diameter, 6.4mm barrel inner diameter); Monitor input power signal specifications: 12VDC ±5%; Note: This monitor is sold with an AC-DC power adapter; Adapter input connector: IEC 60320 C14; Adapter input voltage range: 100-240VAC, 50/60Hz; Power Consumption (Typical): ON (monitor only): 8W; ON (monitor + AC/DC adapter at 230V/50Hz): 11W; SLEEP (monitor + AC/DC adapter at 230V/50Hz): 1.8W; OFF (monitor + AC/DC adapter at 230V/50Hz): 1.0W
Audio	No audio functionality
Weight	Unpackaged: 5.2 lbs (2.35kg); Packaged: 8.6lbs (3.89kg)
Shipping Dimensions	13.9" (355mm) x 17.9" (455mm) x 8.0" (205mm)
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 122°F (-50°C to 60°C)
Humidity (non-condensing)	Operating: 20% - 80%; Storage: 10% - 90%
Regulatory approvals and declarations	Australia C-Tick; Canada cUL, IC; China CCC; Europe CE; Japan VCCI; Kenya KEBS; Korea KCC; Mexico CoC; Nigeria SONCAP; Russia GOST; Saudi Arabia SASO; Taiwan BSMI; United States UL, FCC; International CB; RoHS, China RoHS, WEEE, IMERC
Warranty	2 years
MTBF	50,000 hours demonstrated

\*See dimensional drawings for details

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## North America

TE Touch Solutions  
301 Constitution Drive  
Menlo Park, CA 94025-1110

800-ELO-TOUCH

Tel 1-650-361-4800  
Fax 1-650-361-4722

[customerservice@elotouch.com](mailto:customerservice@elotouch.com)

## Europe

Tel +32 (0)16 35 21 00  
Fax +32 (0)16 35 21 01  
[elosales@elotouch.com](mailto:elosales@elotouch.com)

## Asia-Pacific

Tel +81 (45) 478-2161  
Fax +81 (45) 478-2180  
[www.tps.co.jp](http://www.tps.co.jp)

## Latin America

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Fax 305-931-0124  
[www.elotouch.com.ar](http://www.elotouch.com.ar)

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# 1515L 15" LCD Desktop Touchmonitor

The Elo TouchSystems 1515L touchmonitor is designed, developed and built to provide a cost-effective touch solution for system integrators and VARs. It packs Elo quality and reliability into a integrated, affordable touchmonitor with a footprint smaller than a standard 15" display. This cost and space-saving touchmonitor is "designed for touch"— the technology is built into the 1515L from the ground up and not added as an afterthought by altering the original monitor. It includes a stable base, with controls that are placed on the side rather than the front and are locked-out for public use. The 1515L can function as a desktop or wall-mounted unit and includes a VESA mounting option. The optional 3-track magnetic stripe reader (MSR), programmable to either HID or Keyboard Emulation (USB only), is easily installed by the user, providing an elegant, integrated solution. The display is factory sealed against dirt and dust, and the unit offers a choice of touchscreen technologies: the anti-glare clarity and superior performance of IntelliTouch surface acoustic wave, time-tested AccuTouch five-wire resistive, the innovative Acoustic Pulse Recognition (APR) touchscreen technology, and now also with projected capacitive (PCAP) for a multi-touch experience and zero-bezel, seamless design.

The Elo 1515L 15" LCD desktop touchmonitor provides an affordable product in a convenient, space-saving design that both first-time and experienced users can deploy more easily, reliably, and more cost-effectively than ever before.

## Features

- Up to 1024 x 768 resolution at 75 Hz
- Choice of four industry-leading touchscreens:
  - AccuTouch five-wire resistive (activated with finger, nails, gloves, credit cards, or any stylus)
  - IntelliTouch surface acoustic wave (SAW) for superior image quality (activated with finger or glove)
  - Pure-glass Acoustic Pulse Recognition (APR)
  - Projected capacitive for a sensitive multi-touch performance
- Optional field-installable 3 stripe MSR
- Sealed touchscreen
- Removable base and VESA mounting option
- Mounting holes on base bottom for tabletop security
- Controls on the side, plus lockout function for public use
- Digital on-screen display (OSD)
- Internal power supply
- Worldwide agency approvals

## Applications

- Point-of-sale (POS)
- Point-of-service
- Loyalty systems
- Countertop kiosk information systems

# 1515L 15" LCD Desktop Touchmonitor Specifications

Case/Bezel color	Dark gray/beige
Display type	Active matrix TFT LCD
Display size	15.0" diagonal
Useful screen area	Horizontal: 12.0" (304mm); Vertical: 9.0" (228mm)
Monitor dimensions*	Width: 13.8" (350mm) Height: (including base) 12.2" (310mm) Depth: (including base) 6.9" (175mm)
Optimal (native) resolution	1024 x 768
Other supported resolutions	1024 x 768 @ 60, 70, 75 Hz; 1024 x 768 @ 65 Hz; 832 x 624 @ 75 Hz; 800 x 600 @ 56, 60, 72, 75 Hz; 720 x 400 @ 70 Hz; 640 x 350 @ 70 Hz; 640 x 480 @ 60, 72, 75 Hz; 640 x 480 @ 66 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 250 nits (typical); IntelliTouch: 225 nits (typical); AccuTouch: 200 nits (typical); Acoustic Pulse Recognition: 225 nits (typical); projected capacitive: 225 nits
Response time (total-typical)	11.7 msec
Viewing angle (from center)	Horizontal (left/right): ±70° or 140° total; Vertical: 65° up/60° down or 125° total
Contrast ratio (typical)	500:1
Input video format	RGB Analog only
Input sync format	Separate horizontal and vertical sync, composite sync, sync-on-green
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 dissipation	30W max.
Power supply	Type: Internal, with jack to accept power from optional external brick. Monitor Input voltage: 100-240 VAC, 50/60 Hz; Optional input voltage: +12VDC ±5%
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 122°F (-50°C to 60°C)
Humidity	Operating 20%-80%; Storage 10%-90% noncondensing
Weight (approx.)	Actual: 10.6lb (4.8kg); Without stand: 7.3lb (3.3kg); Shipping: 15.4lb (7.0kg)
Other features	Digital on-screen display (OSD). User's control—OSD buttons: menu, up, down, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, German, Spanish, Japanese, French); OSD disable/enable and power disable/enable
Warranty	3 years
Touch interface	Serial and USB
Agency approvals	North America/Worldwide Models: UL, cUL, FCC, CE, Semko or Demko, VCCI, ICES, C-TICK, MPRII, Argentina S-Mark; Asia Models: UL, cUL, FCC, CE, Semko, VCCI, IC, C-TICK, MPRII, Argentina S-Mark, BSMI, CCC, KC, China RoHS
Mounting options	Removable base, 75mm VESA mount; threaded-through mounting holes under base
MTBF	50,000 hours demonstrated

\*See dimensional drawings for details

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## North America

TE Touch Solutions  
301 Constitution Drive  
Menlo Park, CA 94025-1110

800-ELO-TOUCH

Tel 1-650-361-4800  
Fax 1-650-361-4722

[customerservice@elotouch.com](mailto:customerservice@elotouch.com)

## Europe

Tel +32 (0)16 35 21 00  
Fax +32 (0)16 35 21 01  
[elosales@elotouch.com](mailto:elosales@elotouch.com)

## Asia-Pacific

Tel +81 (45) 478-2161  
Fax +81 (45) 478-2180  
[www.tps.co.jp](http://www.tps.co.jp)

## Latin America

Tel 786-923-0251  
Fax 305-931-0124  
[www.elotouch.com.ar](http://www.elotouch.com.ar)

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## 1715L 17" LCD Desktop Touchmonitor

The **Elo TouchSystems 1715L touchmonitor** is designed, developed and built to provide a cost-effective touch solution for system integrators, and VARs. It packs quality and reliability into an integrated, affordable touchmonitor. This cost- and space-saving touchmonitor is “designed for touch”—the touchscreen technology is built into the 1715L from the ground up and not added as an after-thought by altering the original monitor. It includes a stable base, controls that are placed on the side rather than the front and are locked-out for public use. The 1715L can function as a desktop or wall-mounted unit and includes a VESA mounting option, and is factory-sealed against dirt, dust, and liquids. The display offers zero-bezel projected capacitive (PCAP) touchscreen technology with multi-touch and gesture support; APR (Acoustic Pulse Recognition), the antiglare clarity and superior performance of IntelliTouch surface acoustic wave, and AccuTouch five-wire resistive touchscreen technologies.

Overall, the 1715L 17" LCD desktop touchmonitor provides a truly economical solution, with recognized Elo TouchSystems product quality. With the Elo portfolio of touchmonitors both first-time and experienced users can now more easily and reliably enjoy the benefits of touch solutions.

### Features

- "Designed for touch" features such as a stable tilt base
- Long-lasting product life
- Available with IntelliTouch surface wave, AccuTouch five-wire resistive, APR (Acoustic Pulse Recognition) or projected capacitive (PCAP) touchscreen technologies
- Sealed touchscreen
- Removable base and VESA mounting option
- Mounting holes on the base bottom for tabletop security
- Controls on the side, plus lockout function for public use
- Digital on-screen display (OSD)
- Worldwide agency approvals

### Applications

- Point-of-sale (POS)
- Point of service
- Loyalty systems
- Countertop kiosk information systems (KIS)
- Internet access points
- Interactive advertising and display
- Guest check-in and check-out

# 1715L 17" LCD Desktop Touchmonitor Specifications

Case/Bezel color	Dark gray
Display type	Active matrix TFT LCD
Display size	17.0" diagonal
Useful screen area	Horizontal: 13.3" (338mm); Vertical: 10.6" (270mm)
Monitor dimensions*	Width: 15.4" (391mm) Height: (including base) 14.4" (366mm) Depth: (including base) 8.0" (203mm)
Optimal (native) resolution	1280 x 1024
Other supported resolutions	1280 x 1024 @ 60 or 75 Hz; 1280 x 960 @ 60 Hz; 1152 x 864 @ 75 Hz; 1024 x 768 @ 60, 65 Hz, 70 or 75 Hz; 832 x 624 @ 75 Hz; 800 x 600 @ 56, 60, 72 or 75 Hz; 720 x 400 @ 70 Hz; 720 x 350 @ 70 Hz; 640 x 480 @ 60, 66 Hz, 72 or 75 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 250 nits (typical); IntelliTouch: 225 nits (typical); AccuTouch: 200 nits (typical); Acoustic Pulse Recognition: 225 nits (typical); Projected Capacitive: 225 nits
Response time (total-typical)	25 msec
Viewing angle (from center)	Horizontal (left/right): $\pm 80^\circ$ or 160° total; Vertical (up/down): $\pm 80^\circ$ or 160° total
Contrast ratio (typical)	800:1
Input video signal connector	15-pin female D-sub
Input sync format	Separate horizontal and vertical sync, composite sync, sync-on-green
Input frequency	Horizontal: 31.5–80 kHz; Vertical: 56.3–75 Hz
Power: AC input	Input Connector: IEC 60320 C6; Input voltage range: 100–240VAC 50/60Hz; Power Consumption—Typical: 36W; Power Consumption—Maximum: 50W
Power: DC input	Input Connector: Coaxial power jack (Barrel inner diameter: 6.4 $\pm 0.3$ mm. Pin outer diameter: 2.0 +0.0 -0.1mm. Barrel depth: 8.8 $\pm 0.3$ mm); Input Voltage range: 12V $\pm 5\%$ ; Power Consumption (monitor only)—Typical: 29W; Power Consumption (monitor only)—Maximum: 40W; Power Consumption (monitor + AC/DC adapter)—Typical: 36W; Power Consumption (monitor + AC/DC adapter)—Maximum: 50W
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 122°F (-50°C to 60°C)
Humidity	Operating 20%–80%; Storage 10%–90% noncondensing
Weight (approx.)	Actual: 15.2lb (6.9kg); Shipping: 21.2lb (9.6kg)
Warranty	3 years
Touch interface	Serial and USB or USB only
Optional Product Coverage	Extended Warranty (North America and EMEA only)
Agency approvals	North America/ Worldwide: UL, cUL ,S, MPR II, FCC, CE, VCCI, IC, C-TICK. Asia Models: UL, cUL ,S, MPR II, FCC, CE, VCCI, IC, C-TICK, KC, CCC, BSMI, China RoHS
User's controls	Digital OSD. OSD buttons: menu, up, down, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, German, Spanish, Japanese, French); OSD disable/enable: power, OSD menu
Mounting options	Removable base, 100 mm VESA mount; threaded-through mounting holes under base
MTBF	50,000 hours demonstrated

\*See dimensional drawings for details

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TE Touch Solutions  
301 Constitution Drive  
Menlo Park, CA 94025-1110

800-ELO-TOUCH

Tel 1-650-361-4800  
Fax 1-650-361-4722

[customerservice@elotouch.com](mailto:customerservice@elotouch.com)

## Europe

Tel +32 (0)16 35 21 00  
Fax +32 (0)16 35 21 01  
[elosales@elotouch.com](mailto:elosales@elotouch.com)

## Asia-Pacific

Tel +81 (45) 478-2161  
Fax +81 (45) 478-2180  
[www.tps.co.jp](http://www.tps.co.jp)

## Latin America

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Fax 305-931-0124  
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# 1915L 19" LCD Desktop Touchmonitor

Cost-effective LCD touchmonitor for systems integrators and OEMs

**The Elo 1915L desktop LCD touchmonitor** delivers cost-effective solutions for systems integrators, resellers, and OEMs, and complements the Elo TouchSystems expanding family of touch solutions for applications in the retail and hospitality markets. This compact touchmonitor is "designed for touch" from the ground up, with Elo expertise and reliability built in—not added by altering an existing monitor. The 1915L desktop LCD touchmonitor is available with a choice of Elo's AccuTouch five-wire resistive, Acoustic Pulse Recognition (APR) or IntelliTouch surface wave touch technologies, plus a dual serial/USB touch interface. The monitor is factory sealed against dust, dirt, and liquid splashes. The 1915L can be used in a wide variety of environments because it registers input from a finger, gloved hand or soft stylus with a fast and accurate response. Worldwide approvals cover the entire monitor that is designed, built, serviced, and supported by Elo, a true single source supplier.

## Features

- Entry-level monitor with Elo quality
- "Designed for touch" features such as a stable tilt base
- Long-lasting product cycle

- Available with IntelliTouch surface acoustic wave, AccuTouch five-wire resistive or Acoustic Pulse Recognition (APR) technologies
- Sealed touchscreen
- Dual serial/USB interface
- Removable base and VESA mounting option
- Mounting holes on base bottom for tabletop security
- Controls on side, plus lockout function for public use
- Digital on-screen display (OSD)
- Worldwide agency approvals

## Applications

- Point-of-sale (POS)
- Point of service
- Loyalty systems
- Countertop kiosk information systems (KIS)
- Internet access points
- Interactive advertising and display
- Guest check in and check out

# 1915L 19" LCD Desktop Touchmonitor Specifications

Case/Bezel Color	Dark gray
Display	Size: 19.0" diagonal Type: Active matrix TFT LCD Aspect ratio: 5 x 4
Useful screen area	Horizontal: 14.82" (376.32 mm) Vertical: 11.85" (301.06 mm)
Monitor dimensions	Width: 16.9" (429 mm) Height: 14.92" (379 mm) Depth: 8.15" (207 mm)
Optimal (native) resolution	1280 x 1024
Other supported resolutions	1280 x 1024 at 60 or 75 Hz; 1152 x 864 at 75 Hz; 1024 x 768 at 60, 65, 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, 72, or 75 Hz
Colors	16.7 million with dithering
Brightness (typical)	LCD panel: 300 cd/m <sup>2</sup> with AccuTouch: 240 cd/m <sup>2</sup> with APR: 270 cd/m <sup>2</sup> with IntelliTouch: 270 cd/m <sup>2</sup>
Response time	5 msec (typical)
Viewing angle (typical from center)	Horizontal (left/right): ±80° or 160° total Vertical (up/down): ±80° or 160° total
Contrast ratio	800:1 (typical)
Input video format	Analog (no proprietary video card needed)
Input sync format	Separate horizontal and vertical sync, composite sync, sync-on-green
Input video signal connector	Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal: 31.5–80 kHz Vertical: 56.3–75 Hz
Power supply	Type: Internal, with jack to accept power from optional external brick AC input (line) voltage: 85–265 VAC, 47–63 Hz DC input (line) voltage: 12.0 VDC ±0.75V
Power dissipation	50 W max.
Temperature	Operating 0°C to 40°C Storage -20°C to 60°C
Humidity (non-condensing)	Operating: 20%–80% Storage: 10%–90%
Weight (approx.)	Actual: 17.42 lb. (7.90 kg) Shipping: 25.76 lbs (11.68 kg)
Warranty	Touchmonitor: 3 years
Backlight lamp life (typical)	40,000 hours to half brightness
Mean time between failures (MTBF)	50,000 hours demonstrated
Agency approvals	UL/cUL, TÜV-GS, CE, FCC/IC/VCCI, C-Tick Class B
On-screen display (OSD)	Digital OSD
User's controls	OSD buttons: menu, up, down, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, sharpness, recall, language (English, German, Spanish, Japanese, French); OSD disable/enable: power, OSD menu
Mounting options	Threaded-through mounting holes, under base; Removable base; 100 mm VESA mount
Other features	Security lock receptacle

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

## North America

Elo TouchSystems  
301 Constitution Drive  
Menlo Park, CA 94025-1110

800-ELO-TOUCH

Tel 1-650-361-4800  
Fax 1-650-361-4722

[customerservice@elotouch.com](mailto:customerservice@elotouch.com)

## Europe

Tel +32 (0)16 35 21 00  
Fax +32 (0)16 35 21 01  
[elosales@elotouch.com](mailto:elosales@elotouch.com)

## Asia-Pacific

Tel +81 (45) 478-2161  
Fax +81 (45) 478-2180  
[www.tps.co.jp](http://www.tps.co.jp)

## Latin America

Tel 786-923-0251  
Fax 305-931-0124  
[www.elotouch.com.ar](http://www.elotouch.com.ar)

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