

Instructional Equipment Request  
2015-16

RECEIVED

OCT 26 2015

VP ACADEMIC SERVICES  
LAS POSITAS COLLEGE

FALL 12

SECTION 1: SUMMARY INFORMATION

Brief Title of the Request: Touch Screen Monitor

Equipment Location: 4112

Name of Requestor: Titian Lish

Division/ Unit: ALSS/Theater

SECTION 2: EQUIPMENT DESCRIPTION

Check one of the following:

The equipment is:  A replacement  An upgrade  New equipment/technology

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to the college from what is currently in place? If there is a legal requirement, a mandate, or safety concern for purchase of this equipment, please discuss and make specific reference to that regulation/concern. (Cost data should be recorded in Sec. 7)

*Elo Touch E935808 1928L 19-inch AccuTouch 5-Wire Resistive POS Touch Screen Monitor*

SECTION 3: EDUCATIONAL ITEMS- PROGRAM REVIEW

Which educational programs or institutional purposes does this equipment support?

*Specifically, THEA 50L: Intro to Lighting Design, THEA 48A-C: Technical Theater in Production*

Is this equipment included in your Program Review?  Yes  No

If yes, please cut and paste the appropriate wording here. If not, explain why.

*At the initial writing of the Program Review the need had not been identified. THE PPU Update for 2015 was heavily focused for SLO and did not specifically identify equipment or upcoming funding needs as a needed update. Additionally, this request benefits the entire campus and rental community, not just the theater, so it was not initially or subsequently addressed in the Program Review.*

SECTION 4: TEACHING AND LEARNING

Describe in some detail the impact this equipment will have on teaching and learning.

**Impact on teaching:** *The touch screen allows instructors to move through the lighting controls faster and more specifically, increasing productivity in production and technical classes*

**Impact on learning:** *Students will be learning on the most up to date computer systems (paired with our already state of the art lighting)*

Per academic year, this equipment will impact:

02 Number of classes or sections  
25 Number of students

## SECTION 5: OUTCOMES (SLOs)

By documenting your specific SLOs, how will equipment enable student learning outcomes to be achieved? What are the consequences related to learning outcomes if request is not funded?

*One of the core competencies for the THEATER AD-T is the use of technology. As our AD-T and CTE courses line up with state CI-D's, it is important that we are ushering our students into the modern age of theater technology as often as possible. Failure to teach our students on, and make accessible to them, modern technology, disadvantages them when they move either to the 4 year degree or on to professional jobs as a theater craftsman.*

## SECTION 6: LPC PLANNING PRIORITIES

Please address how this equipment will serve the current LPC planning priorities.

*"Provide necessary institutional support for curriculum development and maintenance". – This equipment allows the technical theater instructors to further develop the skill set of the students on a technology relevant to their professional goals.*

## SECTION 7: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?:

*5+ years with software compatibility*

What will be required to maintain the equipment, such as regular servicing or upkeep? Include these costs in initial and on-going costs below.

*Approx\$0*

Where will the equipment be used or housed? If new storage is needed, describe the storage, location and costs to provide for it. Include these costs in initial costs below.

*No new storage is needed. It will be stored in the Black Box and Main light booths*

Part A: Initial Start-up Costs	Costs	Comments
Equipment or Materials	1729.00	
Shipping or Delivery charges	0.00	
Installation costs	0.00	
Costs to modify facilities	0.00	
Vendor Discount	0.00	
Any Other Costs- training, etc.	64.99	Service plan – no tax
Local Sales Tax	176.60	Included in equipment
Grand Total Costs =	\$ 1970.59	Click the \$ and press F9 to calculate the grand total

A completed purchase order(s) and quote(s) for this total cost must be attached.

**Part B: On-going Annual Operating Costs**

**Costs**

Annual service or maintenance contract	\$64.99	Service Plan 2 year
Estimated parts replacement each year	\$0.00	
Outside standardization or calibration costs	\$0.00	How often?
Storage costs	\$0.00	
New supply costs	\$0.00	
Any other costs, including labor	\$0.00	Specify
Annual Operating Costs =	\$64.99	

**Part C: Incremental Labor Costs**

Please describe who will be the key operator and who will perform the maintenance & repairs.

*The primary operators will be, the technical theater instructor, instructional assistant, and stage technician, and students in the tech courses*

Are these individuals already trained? If not, how will they be trained, how long is the training and is there a cost for the training. Please include the cost above in initial start-up. Is the maintenance, operation and repair currently within their scope of duties?

*Training via manual and video*

Estimate the amount of time required in a month to perform this maintenance or operation

*none*

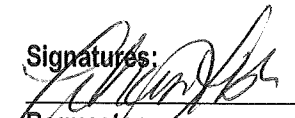
Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college?

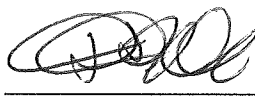
*Because it does not need to be replaced repeatedly, as it is designed to work with our current lighting systems, it will function as a sustainable resource.*

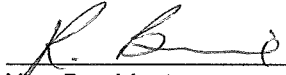
Funded requestors will be expected to respond to a brief RAC feedback survey by a requested deadline. Requests for computer related equipment & printers must be reviewed by LPC IT Department

IT Department Authorized Signature: 

Signatures:

  
Requestor  
Date Originated: 10/19/15

  
Dean/Manager  
Date Received 10/14/15

  
Vice President  
Date Received \_\_\_\_\_

(B+M Video photo)  
MY CART

FREE EXPEDITED SHIPPING ON ORDERS OVER \$49.00

for qualified items

email print

[CONTINUE SHOPPING](#)

[BEGIN CHECKOUT](#)

Accessories



**Elo Touch 1928L 19" Desktop Touchscreen Monitor (Dark Gray)**

B&H #ELE935808 • MFR #E935808

2

\$864.50 x

**Free Standard Shipping**

Not eligible for free Expedited Shipping

**Important Notice!**

Select All

Quantity

Price

(subject to availability). Your order will be charged at the time of

International Orders:

Square Trade **Protection plan:**

2 Year Protection plan [Edit](#)

[Compare all options](#)

2

\$64.99 x

**Item Total: \$1,858.98**

**CALCULATE SHIPPING & TAX**

**Shipping**

**Store Pickup**

NYC SuperStore

**Choose a Shipping Method**

**Standard**

4-6 Business Days

**FREE**

**2 Day Shipping**

**\$104.83**

**1 Day Saver**

Afternoon Delivery Or By End Of Day

**\$151.47**

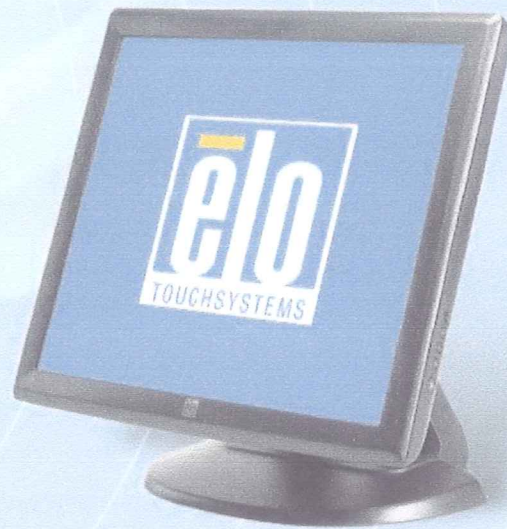
**1 Day Shipping**

By 10:30am, 12:00pm Or End Of Day Depending On Destination

**\$161.54**

[See More Shipping Options](#)

**SubTotal: \$1 858.98**



## 1928L 19" LCD Medical Desktop Touchmonitor

Cost-effective LCD touchmonitor for healthcare applications. Also applicable for certain non-medical uses requiring high-quality image performance.

### **The Elo 1928L 19" LCD Medical Desktop Touchmonitor**

delivers cost-effective solutions for healthcare professionals and patients. This compact touchmonitor is "designed for touch" from the ground up, with Elo's proven expertise and reliability built-in, and not added later by altering an existing monitor.

The 1928L 19" LCD Medical Desktop touchmonitor is available with the robust performance of Elo's APR (Acoustic Pulse Recognition), IntelliTouch surface acoustic wave, AccuTouch five-wire resistive touch technologies, and non-touch. The innovative IPX1 enclosure sheds water and is safe from liquid drops and spills, which means the 1928L can be safely placed in patient care areas, such as the operating room or patient bedside, where contamination may occur. The touchscreen can be activated with a finger, gloved hand or soft stylus, an important capability for medical applications. Simplified worldwide electronic approvals cover the entire monitor that is designed, built, serviced, and supported by Elo, a true single source supplier.

### **Benefits**

- Developed to meet the needs of healthcare professionals
- High quality optical performance
- IPX1 enclosure sheds water and is safe from liquid drops
- Touchscreen can be activated with gloved hand or stylus

- Elo quality at a competitive price point
- "Designed for touch" from the ground up: stable tilt base; controls on side rather than front; lockout function for public use
- Designed, built, serviced, and supported by Elo
- Space-saving, economical, flexible, and reliable
- Available with Elo's IntelliTouch, APR or AccuTouch touch technologies; non-touch models also available
- Functions as desktop or wall-mountable; VESA mount option
- Serial and USB connectivity (APR is USB only)
- Three-year standard warranty

### **Applications Include:**

- Nurse station
- Paperless charting
- Computer-aided therapy
- Electronic medical records
- Patient self check-in and registration
- Light industrial shop-floor automation
- Point-of-information
- Point-of-service
- Loyalty systems



# 1928L 19" LCD Medical Touchmonitor Specifications

Model	1928L
Case/bezel color	Dark gray/beige
Display	Size: 19.0" diagonal; type: active matrix TFT LCD; aspect ratio: 5 x 4
Useful screen area	Horizontal/vertical 14.82" (376.32 mm)/11.85" (301.06 mm)
Monitor dimensions	Width: 16.9" (429 mm) Height (including base): 15.21" (386 mm) Depth (including base): 8.15" (207 mm)
Dimensional drawing number	MS600480
Optimal (native) resolution	1280 x 1024 at 60, 70 or 75 Hz
Other supported resolutions	1280 x 960 at 60 Hz; 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
Brightness (typical)	LCD panel: 300 cd/m <sup>2</sup> LCD panel with touchscreen: AccuTouch: 246 cd/m <sup>2</sup> ; APR/IntelliTouch/non-touch 276 cd/m <sup>2</sup>
Response time (typical)	20 msec (typical)
Viewing angle (from center)	Horizontal (left/right) 89°/89° Vertical (up/down) 89°/89°
Contrast ratio	1300:1
Input video format	Analog (no proprietary video card needed)
Input sync format	Separate H & V sync, composite sync, sync-on-green
Input video signal connector	DVI-D and Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal/vertical 31.5–80 kHz/56.3–75 Hz
Power supply	Type: DC input internal power supply; DC input (line) voltage: 12 V 3 .60 V
Power dissipation	48 W (max.)
Temperature	Operating/storage 0°C to 40°C/-20°C to 60°C
Humidity (noncondensing)	Operating/storage 20% to 80%/10% to 90%
Weight (approx.)	Actual/shipping 17.66 lbs (8 kg)/26.10 lbs (11.84 kg)
Warranty	Touchmonitor: 3 years Backlight lamp life: 40,000 hours at half brightness MTBF: 50,000 hours demonstrated
Agency approvals	North America/Worldwide: UL/cUL (UL 60601-1:2003), FCC, CE, VCCI, C-Tick (Class B), IPX1, CB, Argentina S-mark, CISPR 11:2003+A1:2004 Class B, IEC 60529:1989+A1:1999 Asia: UL, cUL, CB, MPR II, CE, FCC, VCCI, IC, C-Tick (Class B), Argentina S, BSMI, MIC, CCC, China RoHS; meets IEC/EN 6100-4-3 Radiated Immunity 10V/m
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, recall, volume, OSD exit, sharpness, OSD H/V position, OSD time, auto adjust, input select, OSD language (English, French, German, Italian, Japanese, Chinese, Polish, and Spanish); OSD disable/enable: power, OSD menu
Mounting options	Removable base; 100 mm VESA mount; threaded-through mounting holes, under base
Speakers	2 watt/channel speakers located in display head
Other features	Security lock receptacle

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

## North America

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Menlo Park, CA 94025-1110

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