USER MANUAL

Elo Touch Solutions
64 Series Open Frame
ET0764L, ET1064L, ET1564L Touchscreen



Copyright © 2024 Elo Touch Solutions, Inc. All Rights Reserved.

No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, including, but not limited to, electronic, magnetic, optical, chemical, manual, or otherwise without prior written permission of Elo Touch Solutions, Inc.

Disclaimer

The information in this document is subject to change without notice. Elo Touch Solutions, Inc. and its Affiliates (collectively “Elo”) makes no representations or warranties with respect to the contents herein, and specifically disclaims any implied warranties of merchantability or fitness for a particular purpose. Elo reserves the right to revise this publication and to make changes from time to time in the content hereof without obligation of Elo to notify any person of such revisions or changes.

Trademark Acknowledgments

Elo, Elo (logo), Elo Touch, Elo Touch Solutions, are trademarks of Elo and its Affiliates. Windows is a trademark of Microsoft Corporation.

Table of Contents

Section 1: Introduction 4

Section 2: Installation 4

Section 3: Mounting 7

Section 4: Operation 9

Section 5: Technical Support 14

Section 6: Safety & Maintenance 16

Section 7: Regulatory Information 17

Section 8: Warranty Information 21

Section 1: Introduction

Product Description

This new generation of Elo touchscreen displays comes in three sizes: 7-inch, 10.1-inch, and 15.6-inch. Featuring a sleek and aesthetically pleasing design with narrow borders, it combines USB-C connectivity, including power delivery, with Elo's advanced P-CAP touch technology, engineered for durability in high-traffic environments.

With its vandal resistant (IK08) anti-glare screen, this display is engineered for optimal performance in challenging field conditions. In addition, this product supports various other touch capabilities, offering up to 2 touches with an additional 6mm cover glass atop the touchscreen.

Other features that enhance this LCD monitor's display performance include high-brightness (above 400 nits) panels, plug-and-play compatibility with Windows, Android, or Linux operating systems, touch OSD gesture controls, and flexible mounting options. The display also supports 12V DC power input, making it highly compatible and easy to integrate with your existing power solution.

Precautions

Follow all warnings, precautions and maintenance as recommended in this user manual to maximize the life of your unit and prevent risks to user safety. See the Safety & Maintenance Section for more information.

This manual contains information that is important for the proper setup and maintenance of the unit. Before setting up and powering on your new touchscreen, read through this manual, especially the Installation, Mounting, and Operation Sections.

Section 2: Installation

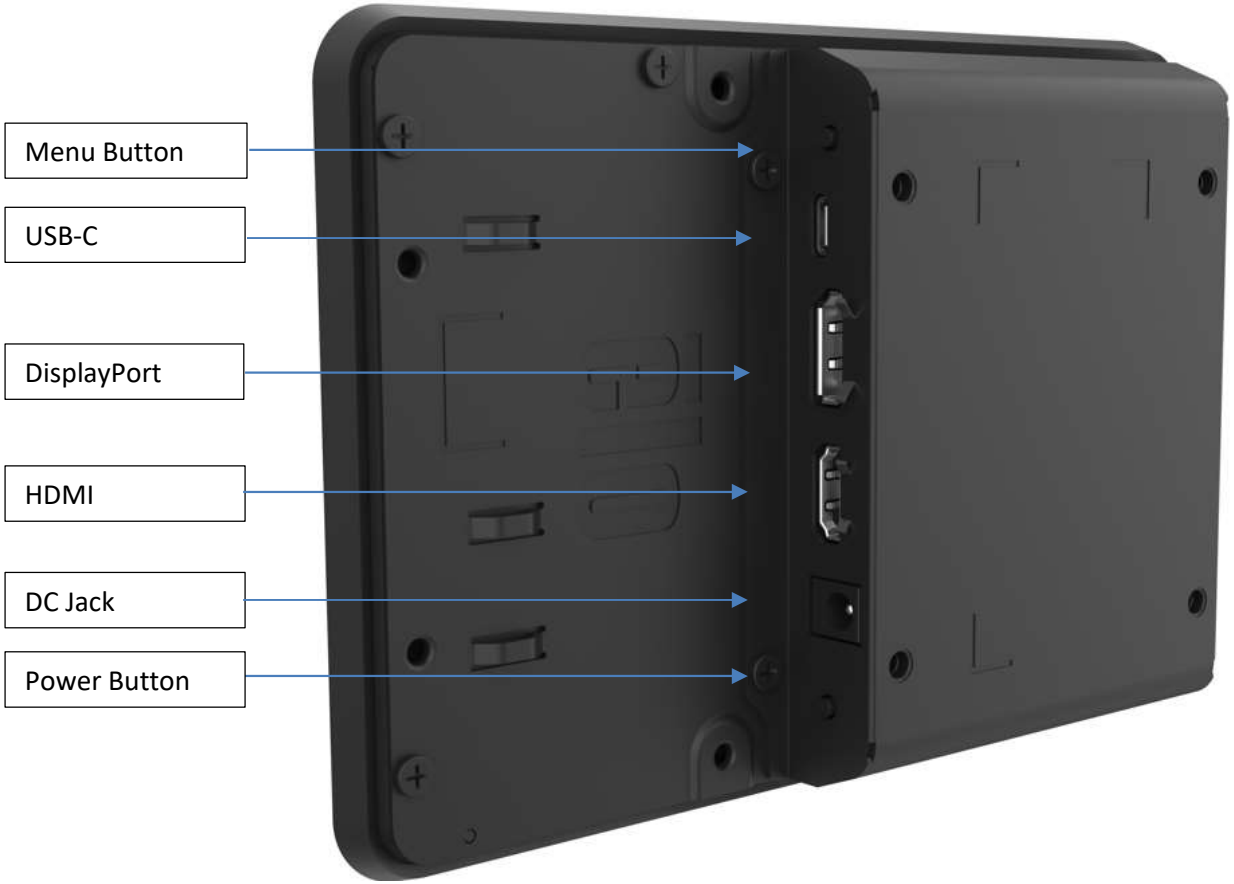
Unpacking the Touchscreen Display

Open the carton and verify that the following items are present:

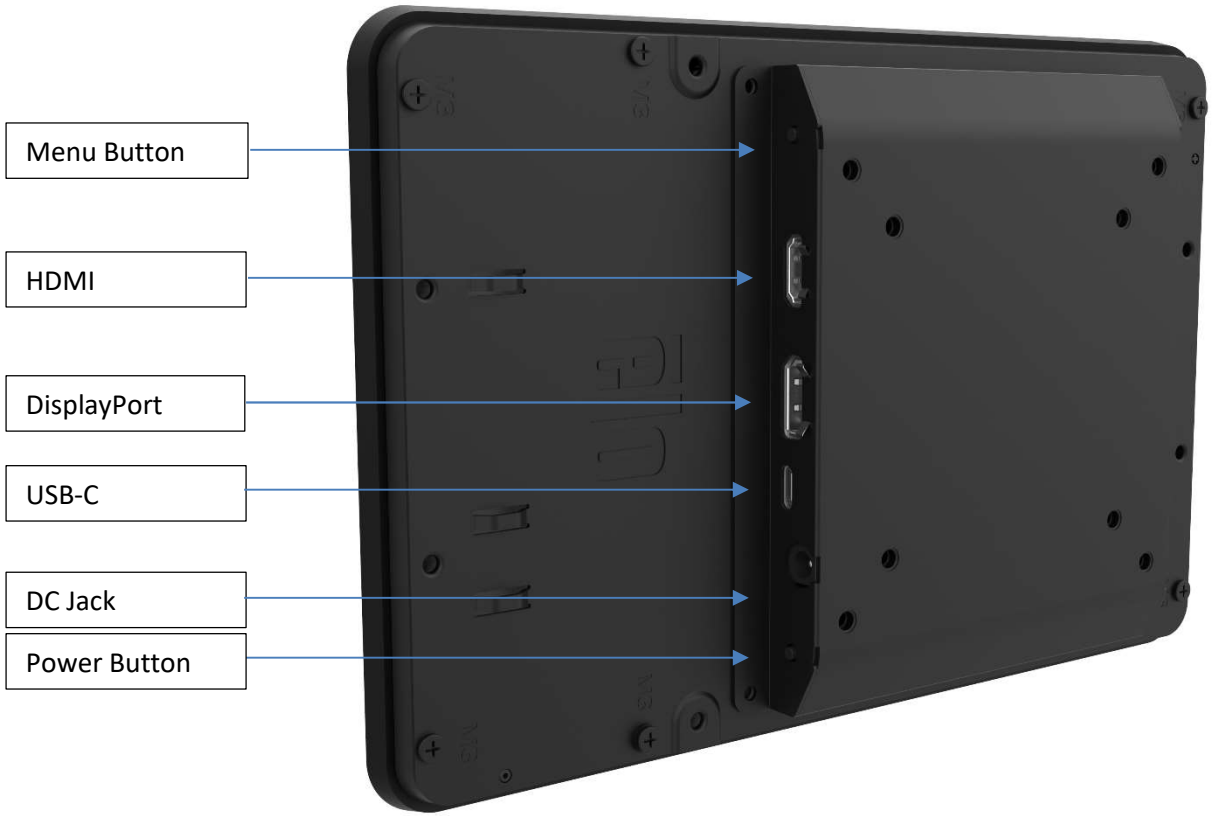
- Open Frame Touchscreen
- Quick Install Guide
- HDMI cable
- EEI label
- USB cable (USB Type-A to Type-C)
- Flush Mount Brackets w/Screws

Connector Panel & Interfaces

ET0764L:



ET1064L&ET1564L:



Touchscreen Display Connections

Option1 – if the video source does not have USB Type-C functionality:

1. Connect the video cable, either HDMI, DP, or USB-C from the video source to the monitor's input connector and secure it firmly.
2. Connect the touch cable (USB Type-A to Type-C) from the USB Type-A of the video source to the USB Type-C of the monitor and secure it firmly.
3 Connect a 12V DC power supply to the monitor's input power jack. Elo offers a 12VDC power adapter and regional power cable kits separately.
4. The touchscreen display ships in an ON state, video should be displayed on your monitor once the cables are connected.

Option2 – if the video source does not have USB Type-C Power Delivery functionality:

1. Connect the USB Type-C to Type-C cable from the video source to the monitor's input connector and secure it firmly.
2. Connect the power adaptor's input connector to the power source. Connect the power adaptor's DC output connector to the monitor's input power jack.
3. Connect a 12V DC power supply to the monitor's input power jack. Elo offers a 12VDC power adapter and regional power cable kits separately.
4. The touchscreen display ships in an ON state, video should be displayed on your monitor once the cables are connected.

Option3 – if the source does have USB Type-C full functionality:

1. Connect the USB Type-C to Type-C cable from the video source to the monitor's input connector and secure it firmly.
2. The touchscreen display ships in an ON state, video should be displayed on your monitor once the cables are connected.

Note:

- To avoid any compatibility issues, suggest using Elo USB Type-C to Type-C (Elo P/N: E129019).
- This USB type C monitor is powered by USB port which complies with LPS and SELV circuit according to IEC 60950-1, or complies with ES1 and PS2 circuit according to IEC 62368-1.
- With a USB-C input power at 5V, the ET1064L will restrict the maximum brightness (OSD: 100) to about 200 nits while the ET1564L will restrict it to about 180 nits.
- When the product is powered by USB type C: The product is intended to be supplied by an approved (UL Listed) DC Power Source or ITE Device with USB type C interface, suitable for use at Tma 40.0 °C min. and the altitude of operation= 3048 m min., whose output meets ES1 (or SELV), PS2 (or LPS) and is rated: 5.0/9.0/15/20 Vdc, 3.0 A min.

Installing the Touch Technology Software Drivers

When using USB touch, no additional drivers are required for your projected-capacitive touchscreen display with Windows 10 or later operating systems, because it uses Windows HID drivers.

To download the latest touch drivers:

1. Visit www.elotouch.com/Support/Downloads/Driver/DriverDownload/Default.aspx
2. Select the “Touch Drivers” from the “Product Category” dropdown menu.
3. Select the “Operating System” from the “Operating System” dropdown menu.
4. Click on the driver version required for your touchscreen display.

Non-Microsoft Windows operating system versions suggested below:

Linux Ubuntu: 18.04 LTS
Mac: OS BIG SUR 11.2
Chrome: 78.0.3904.106
Android: 7.10/8.10

Section 3: Mounting

Flush Mount

Flush-mount Bracket Installation Notes:

See dimensional drawing for the exact details of the recommended enclosure panel opening dimen

1. Assemble each flush mounting bracket set top/bottom and left/right with M4x4mm screws (included). Install screws finger-tight to allow adjustment in step 2.

2. Attach each flush mount bracket set to the mounting surface. (Screws not included) Insert the 64-Series touchscreen display flush into your enclosure panel opening from the front side until flush. The flush-mount bracket screws may need to be loosened and brackets adjusted to allow touchscreen to be flush with mounting surface. Once complete, re-tighten flush-mount bracket screws.

3. Install the M4x4mm screws (included) to secure touchscreen to flush-mount bracket set. (For space constrained installations, the two screws marked with ● can be omitted).

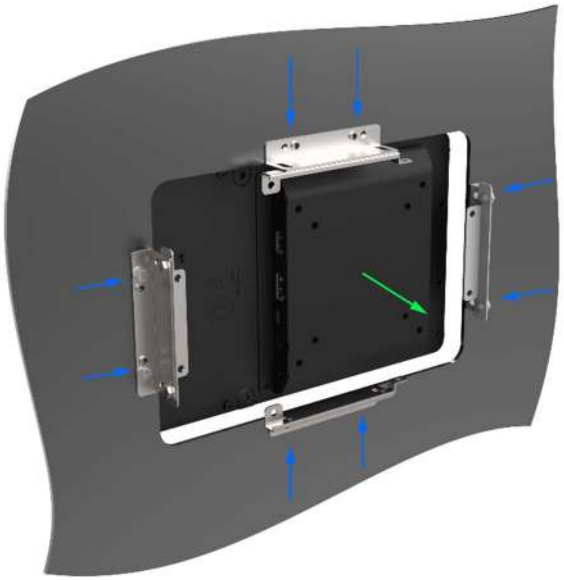
1



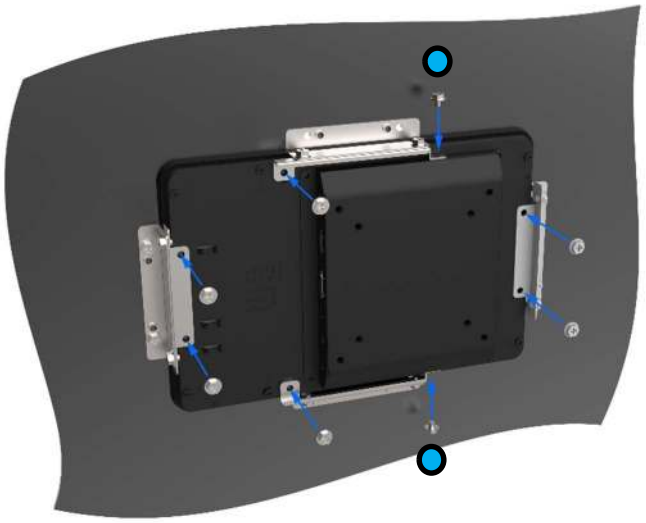
Left/Right

Top/Bottom

2



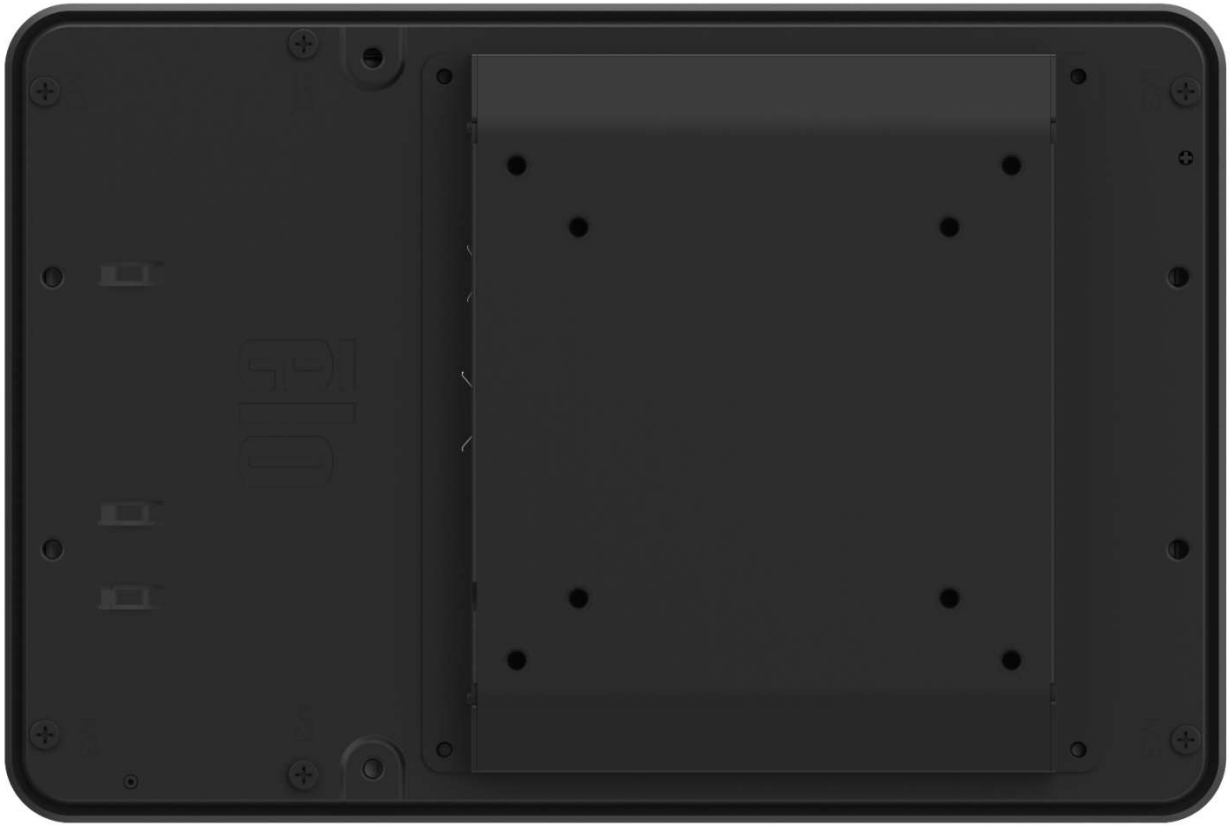
3



Rear VESA Mount

A four-hole mounting pattern for M4x8mm screws is provided on the rear of the monitor for 75x75mm and 100x100mm VESA mounting.

The VESA FDMI-compliant counting is coded: VESA MIS-D. Reference dimensional drawing on elotouch.com for detailed dimensions. Screw quantity = 4



Screw thread size = M4

Screw length = Screw length is variable depending on mounting means. Length must be calculated to ensure the screw penetrates the equipment a minimum of 5mm when secured to mounting means.

Screw head type = flat head or pan head depending on mounting means.

Section 4: Operation

Power

The touchscreen display ships in the ON state.

To turn the touchscreen display on or off, press the touchscreen display power button once.

The system consumes low power when in SLEEP and OFF modes. For detailed power consumption specifications, refer to technical specifications on the Elo website http://www.elotouch.com.

Touching the screen will bring the attached host PC out of SLEEP mode (similar to moving the mouse or pressing a keyboard key). Please ensure you connect the USB A to C cable to both the monitor and the host PC.

To improve reliability and reduce power consumption, disconnect the DC power cable from the monitor when long periods of disuse are planned.

Touch

Your touchscreen display is factory-calibrated and should not need manual calibration (unless the input video is not fully scaled to the native resolution, or the touch experience needs to be calibrated to a specific user).

Projected Capacitive Touch Technology

When connected to Windows 10 or later operating systems later operating systems computers, the touchscreen display can report 10 simultaneous touches. When connected to Windows XP computers, the touchscreen display reports single touch.

No additional drivers are required for this technology to work with Windows 10 or later operating systems, it uses Windows HID drivers.

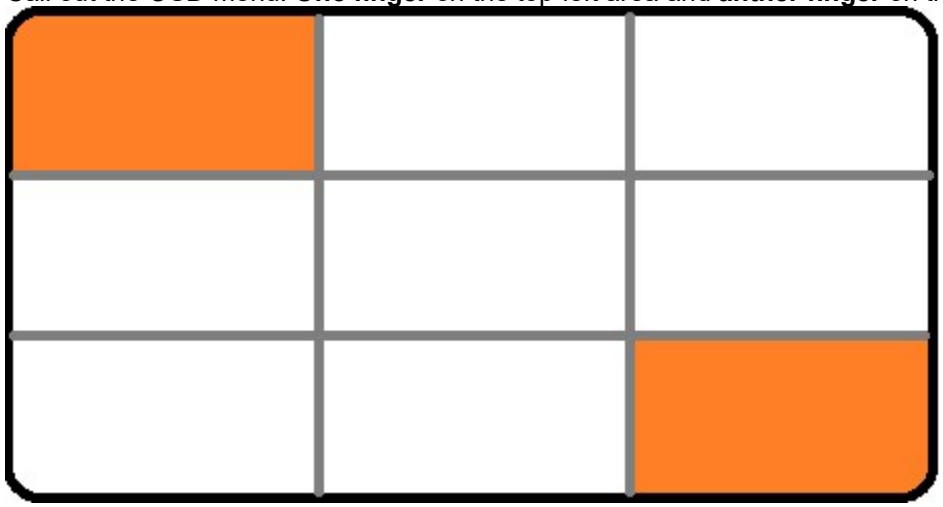
Gesture Support

Microsoft Windows:

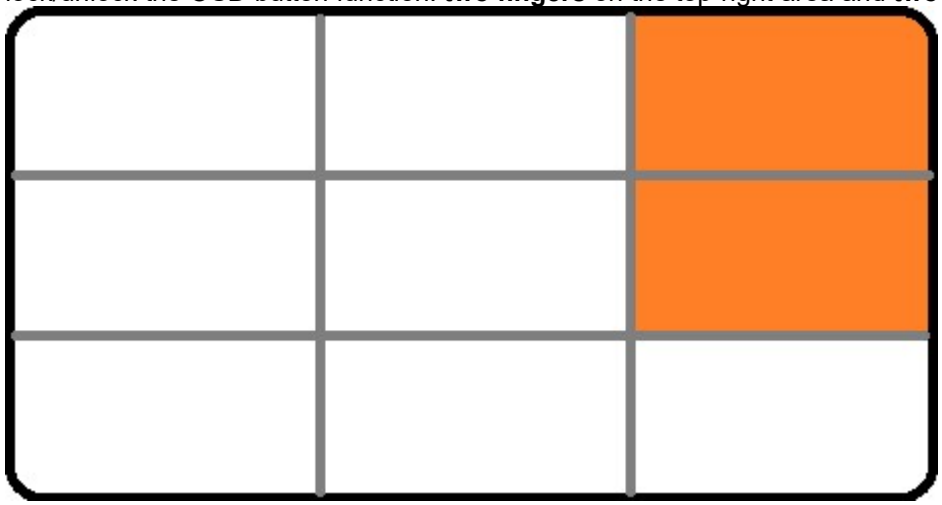
The Projected Capacitive Touch enables several gestures that support single and multiple touches. Refer to the Microsoft Website https://docs.microsoft.com/en-us/windows/win32/wintouch/windows-touch-gestures-overview on the various gestures that are supported in Windows 10 later operating systems.

On-Screen Display:

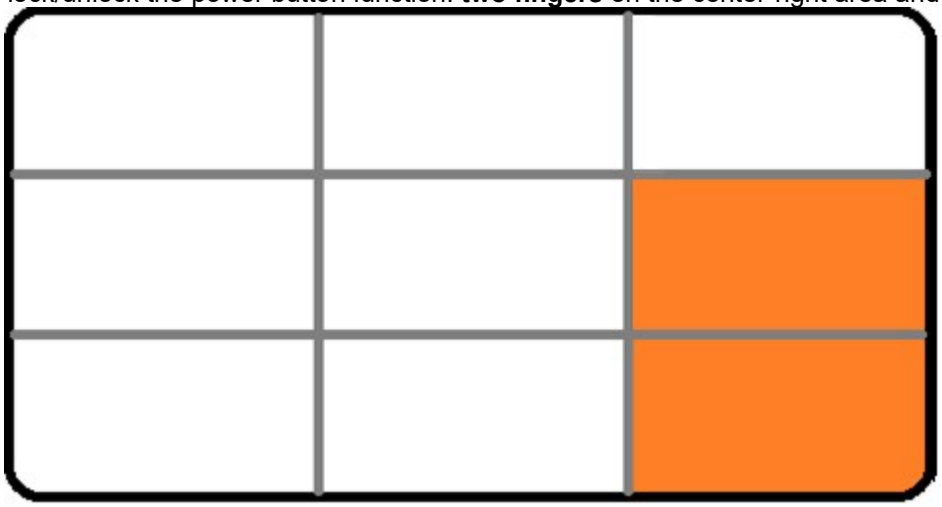
1. Call out the OSD menu: **One finger** on the top-left area and **anther finger** on the bottom-right corner at the same time for 2 seconds



2. lock/unlock the OSD button function: **two fingers** on the top-right area and **two fingers** on the center-right corner at the same time for 2 seconds.



3. lock/unlock the power button function: **two fingers** on the center-right area and **two fingers** on the bottom-right corner at the same time for 2 seconds.



Video

A display's native resolution is its width and height measured in number of pixels. Generally, for best performance, an image displayed on this monitor will look best when your computer's output resolution matches this monitor's native resolution.

For computer output resolutions at non-native resolutions, the monitor will scale the video to its panel's native resolution. This involves stretching or compressing the input image as needed in the X- and Y-dimensions to fit the display's native resolution. An unavoidable byproduct of the scaling algorithms is a loss of fidelity when the computer's output video image is scaled by the monitor to fit the display. This loss of fidelity is most apparent when viewing feature-rich images at close distances (for example images containing small-font text).

Your touchscreen display will likely not require video adjustments. Also, to reduce the need for adjustments for different video mode timings, the monitor correctly scales and displays some of the video industry's most common video timing modes. Refer to the technical specifications for this monitor at http://www.elotouch.com for a list of these Preset Video Modes.

On-Screen Display (OSD)

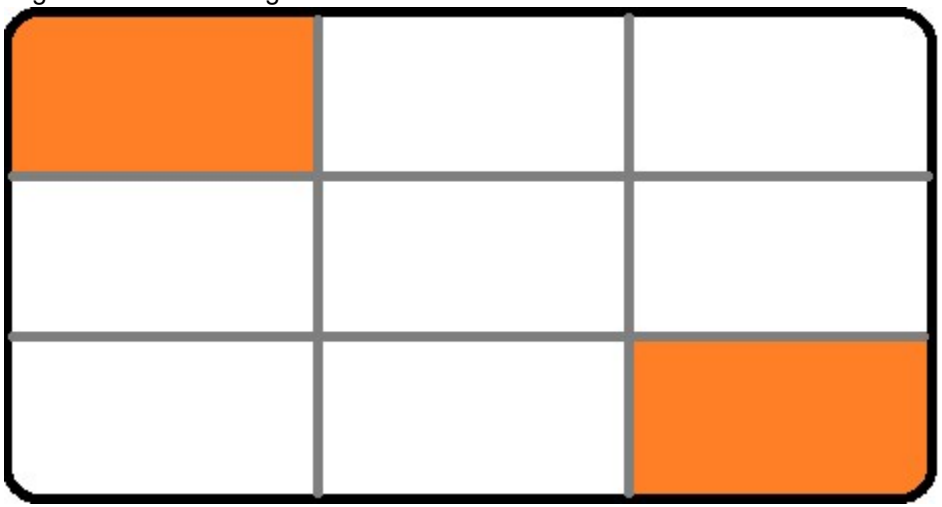




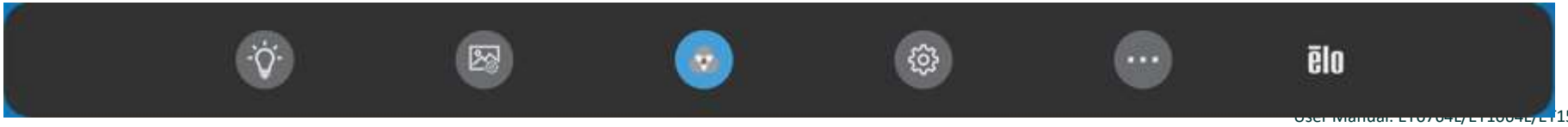
The Power and Menu buttons on the back of the monitor whose functions are as follows:

Button	Key	Features
	Menu button	Open/Exit OSD menu
	Power key	Power on/off display

The OSD menu of the 64L series allows you to adjust the parameters of the monitor by single touch interaction.
Press the Menu button or use the corresponding touch gesture to display the OSD main menu on the screen.
Touch the OSD menu icons to display the corresponding submenus and their parameters. Additionally, you may press one finger on the top-left area and another finger on the bottom-right corner at the same time for 2 seconds.



To hide the OSD menu, press the menu button again, or touch anywhere outside the menu.



Menu	Options	Available Adjustment
 Luminance	Brightness	Increase/decrease monitor brightness. Default: 100.
	Contrast	Increase/decrease monitor contrast. Default: best gray-shade performance.
 Image Setting	Aspect Ratio	Switch the scaling method between fill screen and original ratio settings. Default: Full Screen Full Screen: Scales the X and Y dimensions of the input video (up or down as needed) to the display's native resolution. Original ratio setting: maintain the input video's aspect ratio (and fills the rest of the display with equal black bars on the left and right). Assuming a landscape orientation and an input video with an aspect ratio smaller than 16:9, scale the Y dimension of the input video (up or down as needed) to the display's Y resolution, scales the X-dimension. *Other touchscreen technologies may need recalibration when switching between Aspect Ratio options.*
	Auto Scan	Default: On With the setting On: The monitor continually scans for active video on the HDMI, VGA, and Display port connectors. This adjustment selects which of those input ports should be given priority to be displayed. The options are HDMI Priority, DP Priority, USB-C Priority. Default: HDMI Priority With the setting Off: The monitor will continuously display the selected video port from the available options: HDMI, DP, and USB-C. The default is HDMI
	Sharpness	Adjusts sharpness of the displayed images. Default: no sharpness adjustment *Only applicable at non-native input video resolutions*
 Color	Color	Select the display's color temperature. The available Color are 9300K, 7500K, 6500K, 5500K, Color Enhance, and User. If the User option is selected, the user can change the color temperature by individually changing the gains for red, green, and blue (ranging from 0 to 100). Default: User with R, G, and B all set to 100.
	Low Blue Light	Turn on/off low blue light function. Default: Off

 OSD	OSD Timeout	Adjust how long a period of OSD inactivity the touch monitor will wait before closing the OSD. The adjustable range is between 5 and 60 seconds. Default: 15 seconds
	Language	Select which language the OSD is displayed in. The available languages are English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, and Japanese. Default: English
 Miscellaneous	Touch on Sleep mode	Whether the monitor supports touch control in sleep state Default: On
	Touch Through	Turn the Touch Through on/off Default: Off
	Recall Default	Restore all factory default settings for OSD-adjustable parameters (except OSD Language).

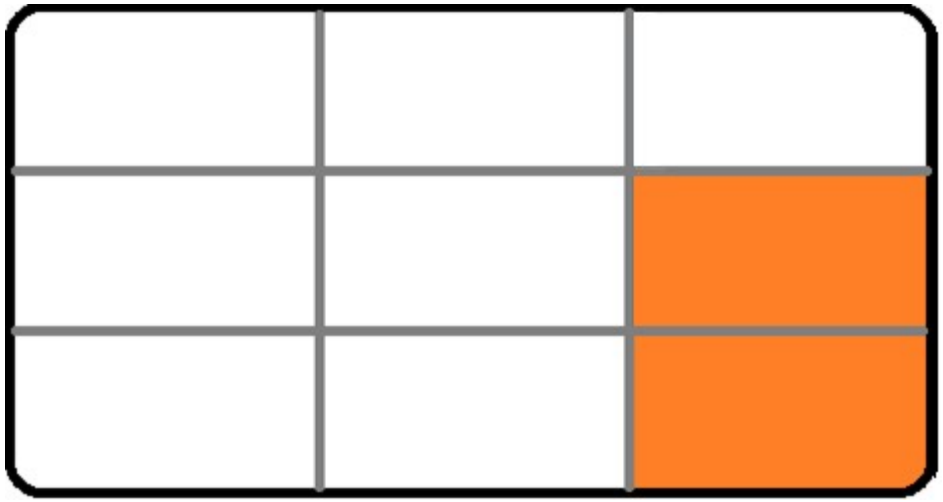
All touchscreen display adjustments made through the OSD are automatically memorized as soon as they are entered.
This feature saves you from having to reset your choices every time the touchscreen display is unplugged or powered off and on. If there is a power failure, the touchscreen display settings will not default to the factory specifications.

OSD and Power Lockouts

Press and hold the “Menu” buttons for 5 Sec to enable/disable the OSD Locking feature. If the OSD Lock feature is enabled, "OSD Lock" will be displayed when you press the Menu button. No user menu will be displayed.
Additionally, you may press two fingers on the top-right area and two fingers on the center-right corner at the same time for 2 seconds.



Press and hold the “Menu” and “POWER” buttons simultaneously for 3 seconds to enable/disable the Power Locking feature. When Power Locking is enabled, pressing the power switch will prompt "Power Button Lock" and will not turn off the monitor.
Additionally, you may press two fingers on the center-right area and two fingers on the bottom-right corner at the same time for 2 seconds.



ENERGY STAR Certification

The ET1564L Touch Monitor meets Energy Star 8.0 requirements.

ENERGY STAR is a program run by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) that promotes energy efficiency. This product qualifies for ENERGY STAR in the “factory default” settings and this is the setting in which power savings will be achieved. Changing the factory default picture settings or enabling other features will increase power consumption that could exceed the limits necessary to qualify for an ENERGY STAR rating.
For more information on the ENERGY STAR program, refer to energystar.gov.

TUV Low Blue Light / Flicker free Certification

The 64L Open frame Touch Monitor is certified by TUV Rhineland for low blue light and flicker-free (ET0764L only), which reduces the damage of the monitor to human eyes. Refer to the following for details.

Low blue light (software solutions)

The monitor industry has two different approaches to reducing blue light: one uses software solutions and the other uses hardware solutions.

Software solutions typically reduce blue light by reducing emissions from the blue light channel or applying blue light filters.
The 64L Open frame Touch Monitor achieves low blue light by reducing emissions from the blue light channel.
TUV Rheinland tested the product and determined it to be effective in reducing harmful blue light.
The keyword "Low Blue Light (Software Solution)" confirms that the product meets TUV Rheinland's testing standards.

Refer to the OSD operating instructions for how to enable the low blue light.

Flicker-free (ET0764L only)

TUV Rheinland tested this product to verify whether the monitor would cause visible and invisible flickering to the human eye, leading to user eye fatigue.

The keyword "Flicker-free" confirms that the device does not produce visible and invisible flicker as defined by the standard at 0 - 3000 Hz at all brightness settings.

Take reasonable breaks, move your eyes and neck, and look into the distance.

To reduce the risk of computer vision syndrome and neck, shoulder and back breaks (at least one 10-minute break per hour) from staring at the computer screen while working. During these breaks, stand up, walk around, stretch your arms and legs, and get your back, shoulders and neck moving to relieve muscle tightness and fatigue. Another cause of computer vision fatigue is eyestrain. To reduce the risk of eyestrain from staring at a screen for too long, take your eyes off the computer at least every 20 minutes and look away from something at least 20 feet away (6 meters away) for at least 20 seconds. This is the "20-20-20 Rule" recommended by some ophthalmologists. Looking away relaxes the focusing muscles in the eyes and relieves fatigue. Another exercise is to look at a distant object for 10 to 15 seconds, followed by gazing at an object up close for 10 to 15 seconds. Then look at the distant object again. Repeat 10 cycles. This exercise helps reduce the risk of "locking up" the eye's ability to focus after long hours of computer work (a condition known as spasm of accommodation).

Exercises for the eyes
1. Keep the body and the head upright. Move the eyes up to look at the ceiling, then turn down to look at the floor.
2. Move the eyes left and right slowly to look at objects on the two sides.
3. Move the eyes to look at objects in the right upper direction and then right lower direction. Repeat for the left upper and left lower directions.

Neck Exercise
Keep your arms relaxed and at your sides.
Slowly lower your head forward to stretch your neck.
Hold for 5 seconds.
Keep your arms relaxed and at your sides.
Turn your head to one side and hold for 5 seconds.
Repeat on the other side.
Keep your arms relaxed and at your sides.

Turn your head to the left side and hold for 5 seconds.
Repeat on the other side.

Section 5: Technical Support

If you are experiencing trouble with your touchscreen display, refer to the following suggestions.

If the problem persists, please contact your local dealer, or contact Elo Customer Service. Worldwide technical support phone numbers are available on the last page of this use manual.

Solutions to Common Problems

Problem	Suggested Troubleshooting
The touchscreen display does not respond when turning on the system	Check that the DC power adaptor is properly connected Verify the DC power adaptor is functioning.
Monitor display is dim	Use the OSD to increase the brightness. Use the OSD to increase the contrast. Check if Light sensor is on and adjusting for the ambient lighting conditions. Check if the display is overheating and running in Thermal Protection Mode.
Monitor display is blank	The monitor may be in SLEEP mode Press any key / move the mouse / touch the touchscreen to see if the image. reappears Check that the signal source device is turned on. Check that there are no loose cable connections. Ensure the video source is set correctly if “Auto Scan” in the image setting menu is turned off.
Monitor displays an “Out of Range” message	Adjust your computer’s resolution/timing mode to be within the allowable timing ranges. specified for your touchscreen display (see website for specifications).
Monitor display image looks strange	Adjust your computer’s resolution/timing mode to be within the allowable timing ranges. specified for your touchscreen display (see website for specifications). Check if color setting is “User Preset”.
Touch functionality doesn’t work	Verify your PC has the latest Elo drivers installed. Check if Touch Interface is set up correctly. Press the power button to restart the monitor. Do not touch the screen while the monitor is on.

Neither the OSD buttons nor power button respond when pressed	Check to see if the OSD lock or power lock functions is on.
Wake on touch doesn't work	Ensure "Touch on sleep" in the Miscellaneous is set on. Secure the USB cable firmly.
Only have two touches	Check to see if the OSD touch through function is on Confirm that you are using RS232 touch or USB touch

Image Sticking
What is Image Sticking? What Causes Image Sticking?

Image persistence, image burn-in, and image sticking are terms used to describe LCD image retention. LCD image retention occurs when a fixed pattern is displayed over a prolonged period of time. The fixed pattern causes a parasitic capacitance to build up within the LCD component, which prevents the liquid crystal molecules from returning to their normal relaxed state.

All LCDs/CRTs and color plasma displays are susceptible to image retention, at varying degrees. Phosphor based display devices, such as CRTs and color plasma displays are most susceptible, and image retention on phosphor-based devices is often irreversible. Transmissive devices, such as LCDs are less susceptible, and in most cases LCD image retention can be reversed.

The rate of image sticking depends on the image pattern, duration of fixed image, the temperature, and production variations. Likewise, the rate of diffusion of the image sticking (recovery time) also depends on these factors.

What Can Be Done about It?

The best way to avoid image burn-in is to limit the amount of static content on the display. Image sticking may be avoided by turning the display off periodically for a period of time between 2 to 4 hours.

To reduce the possibility of image retention, we recommend:

- Displaying alternating black/white images for 2 to 4 hours
- Using a screen saver when the touchscreen is not in use

Image retention caused by static (non-moving) images displayed for lengthy periods (image burn-in) is not covered under Elo warranty.

Technical Assistance

Technical Specifications

visit **www.elotouch.com/products**
for technical specifications for this device

Support

visit **www.elotouch.com/support** for technical support

See this user manual's last page for worldwide technical support phone numbers.

Section 6: Safety & Maintenance

Safety

- To avoid risk of electric shock, follow all safety notices and do not disassemble the touchscreen display. They are not user-serviceable.
- The slots located on the back of the touchscreen display case are for ventilation. Do not block or insert anything inside the ventilation slots.
- A three-wire, grounding power cord plug only fits into a grounded outlet. Do not fit or modify the plug into an outlet that has not been configured for this purpose. Do not use a damaged power cord. Use of an unauthorized power cord might invalidate your warranty. Optional power kit includes power brick and power cord are sold separately.
- Ensure that your installation is equipped to maintain the specified environmental conditions listed in the Technical Specifications chapter.
- The equipment power supply cord shall be connected well with earthing connection.

Care and Handling

Please use the following link to access the cleaning guide.
https://www.elotouch.com/support/technical-support/cleaning

Waste Electrical & Electronic Equipment Directive (WEEE)



This product should not be disposed of with household waste. It should be deposited at a facility that enables recovery and recycling. Elo has put in place recycling arrangements in certain parts of the world. For information on how you can access these arrangements, please visit E-Waste Recycling Program | Elo® Official Website (elotouch.com).

Section 7: Regulatory Information

Electrical Safety Information

Compliance is required with respect to the voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those specified herein will likely result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not followed.

There are no operator serviceable parts inside this equipment. There are hazardous voltages generated by this equipment which constitute a safety hazard. Service should be provided only by a qualified service technician.

Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment to mains power.

Emissions and Immunity Information

Notice to Users in the United States:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15C of FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Notice to Users in Canada:
This equipment complies with the Class B limits for radio noise emissions from digital apparatus as established by the Radio Interference Regulations of Industrial Canada.

CAN ICES (B)/NMB (B)

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage;et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Notice to Users in the European Union: Use only the provided power cords and interconnecting cabling provided with the equipment. Substitution of provided cords and cabling may compromise electrical safety or CE Mark Certification for emissions or immunity as required by the following standards:

- This Information Technology Equipment (ITE) is required to have a CE Mark on the Manufacturer's label which means that the equipment has been tested to the following Directives and Standards: This equipment has been tested to the requirements for the CE Mark as required by EMC Directive 2014/30/ EU as indicated in European Standard EN 55032 Class B and the Low Voltage Directive 2014/35/EU as indicated in European Standard EN 62368-1.

General Information to all Users:

This equipment generates, uses and can radiate radio frequency energy. If not installed and used according to this manual the equipment may cause interference with radio and television communications. There is, however, no guarantee that interference will not occur in any particular installation due to site-specific factors.

1. In order to meet emission and immunity requirements, the user must observe the following:
   a. Use only the provided I/O cables to connect this digital device with any computer.
   b. To ensure compliance, use only the provided manufacturer's approved line cord.
   c. The user is cautioned that changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. If this equipment appears to cause interference with radio or television reception, or any other device:
   a. Verify as an emission source by turning the equipment off and on. If you determine that this equipment is causing the interference, try to correct the interference by using one or more of the following measures:
      i. Move the digital device away from the affected receiver.
      ii. Reposition (turn) the digital device with respect to the affected receiver.
      iii. Reorient the affected receiver's antenna.
      iv. Plug the digital device into a different AC outlet so the digital device and the receiver are on different branch circuits.
      v. Disconnect and remove any I/O cables that the digital device does not use. (Unterminated I/O cables are a potential source of high RF emission levels.)
      vi. Plug the digital device into only a grounded outlet receptacle. Do not use AC adapter plugs.
      (Removing or cutting the line cord ground may increase RF emission levels and may also present a lethal shock hazard to the user.)

If you need additional help, consult your dealer, manufacturer, or an experienced radio or television technician.

Agency Certifications

The following certifications and marks have been issued or declared for this monitor:

- Australia RCM
- Canada CUL, IC
- China CCC
- Europe CE
- Japan VCCI
- United Kingdom UKCA
- Korea KCC
- Mexico NoM
- Taiwan BSMI
- United States FCC, UL
- India BIS
- International CB

Explanation of Markings

1. In accordance with the SJ/T11364-2014 requirement, the electronic information products are marked with the following pollution control logo.
   The Environment-Friendly Use Period for this product is 10 years. The product will not leak or mutate under normal operating conditions listed below, so that the use of this electronic information product will not result in any severe environmental pollution, any bodily injury, or damage to any assets.

   Operating Temperature:0 ℃ - 40 ℃
   Storage Temperature: -20 ℃ - 60 ℃
   Operating Humidity: 20% - 80% (non-condensing).
   Storage Humidity:10% - 95% (non-condensing).



2. It is encouraged and recommended that this product be recycled and reused according to local laws. The product should not be thrown away casually.





Power Adapter Specifications

Electrical Ratings	
Input	100 - 240VAC, 50/60Hz
Output	12V DC, 3A, LPS (Power adapter needs to be UL approved)

The product is intended to be supplied by an approved (UL Listed) AC/DC adapter, suitable for use at Tma 40.0 °C min. and the altitude of operation= 3048 m min., whose output meets ES1 (or SELV), PS2 (or LPS) and is rated: 12 Vdc, 3.0 A min.
If the AC/DC adapter with Class I construction must be connected to a mains socket with a protective Earthing connection.

Monitor Specifications

Electrical Ratings

Input	12V DC, 3A

Operating Conditions

Temperature	0 °C to 40 °C
Humidity	20% - 80% (non-condensing)
Altitude	0 to 3,048m

Storage Conditions

Temperature	-20 °C to +60 °C
Humidity	10% - 95% ((38.7 Deg maximum wet bulb temperature, non-condensing)
Altitude	0 to 12,192m

13 June 2024

FCC Declaration of Conformity

Per FCC 47 CFR FCC Part15 subpart B Section 2.1077(a)
In accordance with FCC Rules and Regulations

Model Number:	ET0764L, ET1064L, ET1564L
Equipment Category:	Information Technology and Telecommunications Equipment
Equipment Class:	Commercial and Light Industrial
Product Name:	Touch Monitor
Manufacturer:	Elo Touch Solutions, Inc. 670 N. McCarthy Blvd. Suite 100 Milpitas, CA 95035 www.elotouch.com
Trademark:	

Declaration:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation

Kevin Huang
Sr Director, Systems Engineering

Section 8: Warranty Information

Except as otherwise stated herein, or in an order acknowledgment delivered to Buyer, Seller warrants to Buyer that the Product shall be free of defects in materials and workmanship. The warranty for the touchscreen display and their components is three years.

Seller makes no warranty regarding the model life of components. Seller's suppliers may at any time and from time to time make changes in the components delivered as Products or components.

Buyer shall notify Seller in writing promptly (and in no case later than 30 days after discovery) of the failure of any Product to conform to the warranty set forth above; shall describe in commercially reasonable detail in such notice the symptoms associated with such failure; and shall provide to Seller the opportunity to inspect such Products as installed, if possible. The notice must be received by Seller during the Warranty Period for such product, unless otherwise directed in writing by the Seller. Within thirty days after submitting such notice, Buyer shall package the allegedly defective Product in its original shipping carton(s) or a functional equivalent and shall ship to Seller at Buyer's expense and risk.

Within a reasonable time after receipt of the allegedly defective Product and verification by Seller that the Product fails to meet the warranty set forth above, Seller shall correct such failure by, at Seller's options, either (i)modifying or repairing the Product or (ii) replacing the Product. Such modification, repair, or replacement and the return shipment of the Product with minimum insurance to Buyer shall be at Seller's expense. Buyer shall bear the risk of loss or damage in transit, and may insure the Product. Buyer shall reimburse Seller for transportation cost incurred for Product returned but not found by Seller to be defective. Modification or repair, of Products may, at Seller's option, take place either at Seller's facilities or at Buyer's premises. If Seller is unable to modify, repair, or replace a Product to conform to the warranty set forth above, then Seller shall, at Seller's option, either refund to Buyer or credit to Buyer's account the purchase price of the Product less depreciation calculated on a straight-line basis over Seller's stated Warranty Period.

These remedies shall be the buyer's exclusive remedies for breach of warranty. Except for the express warranty set forth above, seller grants no other warranties, express or implied by statute or otherwise, regarding the products, their fitness for any purpose, their quality, their merchantability, their non-infringement, or otherwise. No employee of Seller or any other party is authorized to make any warranty for the goods other than the warranty set forth herein. Seller's liability under the warranty shall be limited to a refund of the purchase price of the product. In no event shall Seller be liable for the cost of procurement or installation of substitute goods by Buyer or for any special, consequential, indirect, or incidental damages.

Buyer assumes the risk and agrees to indemnify Seller against and hold Seller harmless from all liability relating to (i) assessing the suitability for Buyer's intended use of the Products and of any system design or drawing and (ii) determining the compliance of Buyer's use of the Products with applicable laws, regulations, codes, and standards. Buyer retains and accepts full responsibility for all warranty and other claims relating to or arising from Buyer's products, which include or incorporate Products or components manufactured or supplied by Seller. Buyer is solely responsible for any and all representations and warranties regarding the Products made or authorized by Buyer. Buyer will indemnify Seller and hold Seller harmless from any liability, claims, loss, cost, or expenses (including reasonable attorney's fees) attributable to Buyer's products or representations or warranties concerning same.

Notes

www.elotouch.com

Visit our website for the latest

- Product Information
- Specifications
- Upcoming Events
- Press Releases
- Software Drivers
- Touchmonitor Newsletter

To find out more about our extensive range of Elo touch solutions, go to **www.elotouch.com**, or call the office nearest you.

Americas
Tel +1 408 597 8000
elosales.na@elotouch.com

Europe (EMEA)
Tel + 32 16 930 136
EMEA.sales@elotouch.com

Asia-Pacific
Tel +86 (21) 3329 1385
EloAsia@elotouch.com

16081AEM0003

© 2024 Elo Touch Solutions, Inc. All rights reserved.