



19.5" Touchscreen Monitor Kit Installation Instructions

Introduction

This kit includes all the components necessary to install the included Elo 19.5" touchscreen monitor into a standard 19" rack. While following these installation instructions, ensure the touchscreen monitor is always safely supported by hand until all fasteners are installed. We recommend having a second person to assist with the installation.

The following items are included in the kit:

- 19.5" touchscreen monitor (includes mounting screws and USB, VGA, and DVI cables)
- DisplayPort cable
- Power supply
- Line cord (North America, NEMA 5-15)
- 19" rack-mount bracket/bezel
- Power supply bracket with four M4x6 mm screws

The following tools and supplies are not included in the kit but are needed to complete the installation:

- #2 Phillips screwdriver
- Four mounting screws for your 19" rack
- Cable ties
- Optional for hardwired power connection: wire cutter, stripper, crimper tools and crimp terminals

Instructions

- Step 1. Unpack the touchscreen monitor, rack-mount bezel, and power supply bracket, and place them face-down on a clean, flat, and smooth work surface.
- Step 2. Install the rack-mount bezel onto the 19" rack by using the proper screws and fasteners for your rack (not provided) (see *Figure 1*).

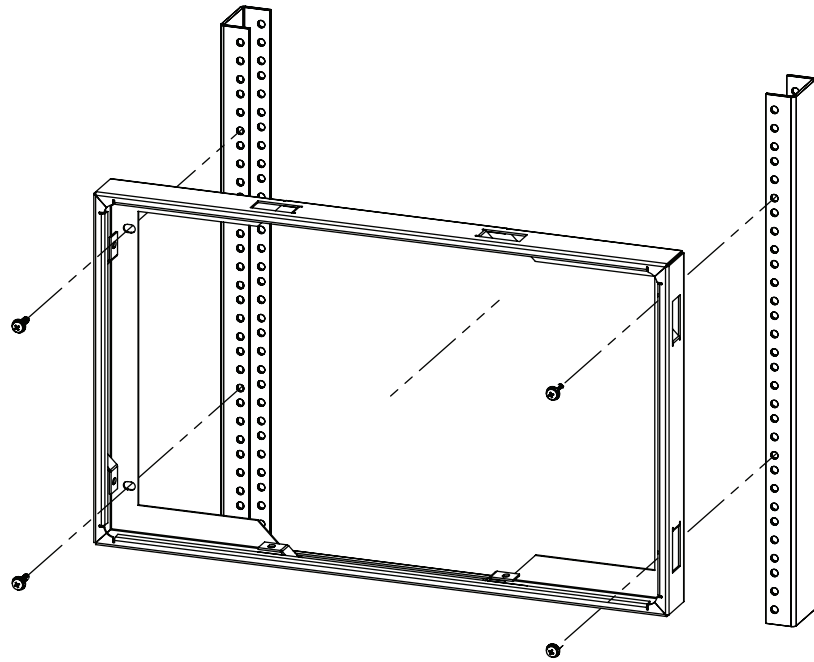


Figure 1 Install the Rack-Mount Bezel onto a 19" Rack

Step 3. Align the power supply bracket with the VESA mounting holes on the back of the touchscreen monitor, and use the supplied M4x6 mm screws to attach the bracket (see *Figure 2*).

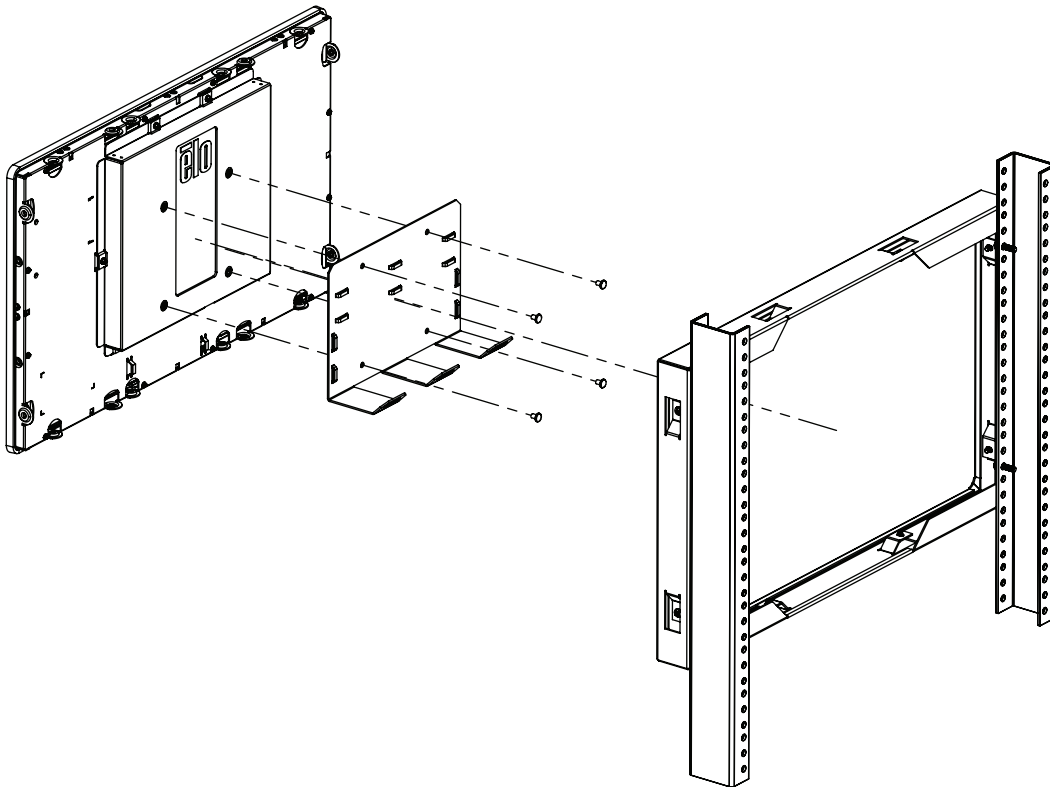


Figure 2 Attach the Power Supply Bracket to the Touchscreen Monitor

- Step 4. Align the touchscreen monitor with the opening in the rack-mount bezel. Tip the touchscreen monitor slightly and set the bottom edge into the bezel, flush with the face of the bezel. Some resistance is normal because the foam gasket on the perimeter of the touchscreen monitor must compress to fit into the bezel.
- Step 5. Starting at the bottom and working toward the top, carefully press along the perimeter of the touchscreen monitor to slide it gradually and evenly into the bezel until it is flush with the face of the bezel.
- Step 6. Adjust the touchscreen monitor position to align the screw holes on the four sides of the rack-mount bezel with the screw holes in the touchscreen monitor. Use eight of the screws supplied with the touchscreen monitor to fasten it (see *Figure 3*).

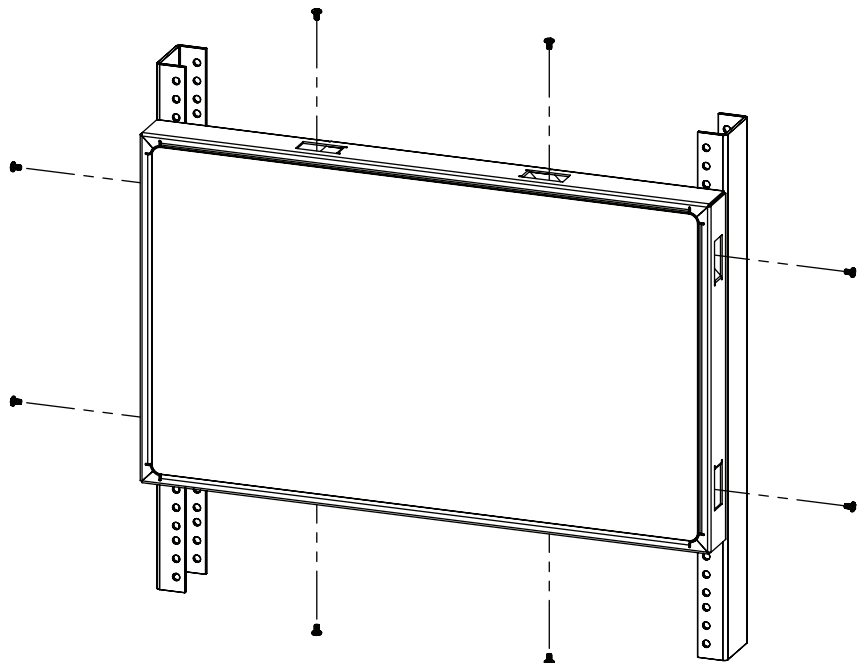


Figure 3 Fasten the Touchscreen Monitor to the Rack-Mount Bezel

- Step 7. Connect the power supply output cable to the input power connector on the touchscreen monitor, then connect the power supply line cord to an acceptable power source (see *Table 1* for hardwired connections). Secure the power supply and cables to the power supply bracket by using cable ties (not provided).

Note: For hardwired power connections, cut the NEMA 5-15 plug off of the line cord, strip approximately 2 inches of the outer cable jacket to expose the wires, crimp appropriate terminals onto the wires, and connect to the power source, as indicated in *Table 1*.

Table 1 Hardwired Power Connection Wiring Guide

Wire Color	Connection (AC/DC)
Black	Hot/positive (+)
White	Neutral/negative (-)
Green	Ground

- Step 8. Connect the touchscreen monitor to the computer by using the included display and USB cables. Connect the supplied on-screen display (OSD) remote to the RJ45 port on the rear of the touchscreen monitor.

- Step 9. Turn on the computer and verify that the touchscreen monitor operates correctly. If the image is distorted and/or not centered on the screen, use the OSD remote controls to adjust the display (see the User Guide included with the touchscreen monitor for details).
- Step 10. Optionally, for additional touchscreen functions and calibration, download and install the touchscreen drivers and software from elotouch.com.

Specifications

Temperature Range:	0° to 40° C (0° to 104° F) operating -20° to +60° C (-4° to +140° F) storage
Power Supply Input Voltage:	120/240 Vac, 50/60 Hz 125/250 Vdc*
Note: Power supply labeling may only indicate Vac range. SEL has worked closely with the manufacturer to verify compatibility with both ac and dc power sources.	
Touchscreen Monitor	
Model:	Elo 2094L, PCAP, P/N E331214
Display:	19.5" diagonal 16:9 (widescreen), active matrix TFT LCD (LED)
Resolution:	1920 x 1080 @ 60 Hz
Brightness:	225 nits
Input Power:	12 Vdc, 17 W
Video Inputs:	HDMI, VGA, DisplayPort
Touch Interface:	USB
Cables Included:	HDMI, VGA, USB, RJ45 OSD remote
MTBF:	50,000 hours
Details: https://www.elotouch.com/open-frame-touchscreens-2094l.html	

Warranty

The touchscreen monitor carries the manufacturer's 3-year warranty. Contact the manufacturer, Elo Touch Solutions, for the warranty.

Technical Support

We appreciate your interest in SEL products and services. If you have questions or comments, please contact us at:

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Notes

⚠ WARNING

Operator safety may be impaired if the device is used in a manner not specified by SEL.

⚠ CAUTION

Equipment components are sensitive to electrostatic discharge (ESD). Undetectable permanent damage can result if you do not use proper ESD procedures. Ground yourself, your work surface, and this equipment before removing any cover from this equipment. If your facility is not equipped to work with these components, contact SEL about returning this device and related SEL equipment for service.

⚠ AVERTISSEMENT

La sécurité de l'opérateur peut être compromise si l'appareil est utilisé d'une façon non indiquée par SEL.

⚠ ATTENTION

Les composants de cet équipement sont sensibles aux décharges électrostatiques (DES). Des dommages permanents non-décelables peuvent résulter de l'absence de précautions contre les DES. Raccordez-vous correctement à la terre, ainsi que la surface de travail et l'appareil avant d'en retirer un panneau. Si vous n'êtes pas équipés pour travailler avec ce type de composants, contacter SEL afin de retourner l'appareil pour un service en usine.

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