



## 64-Series

Open-Frame Touchscreen



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**Narrow border touchscreen  
with edge-to-edge glass**



**UL62368 & IK08**



**Durable, energy  
efficient touchscreen**

### Product Overview

Elo's 64-Series Open-Frames, available in 7-, 10- and 15-inch, deliver brilliant, industrial-grade touchscreen monitors designed for easy integration into enclosures. Featuring scratch-resistant glass, UL62368 ball-drop certification, IK08 impact resistance, and built for 24/7 operation across a wide voltage range, these displays are engineered for durability and reliability. Ideal for a variety of applications including industrial controls, HMI, warehouse automation, and gaming, the 64-Series also provides added flexibility with TouchPro technology, supporting thru touch functionality through up to an additional 6mm glass or 3mm plastic.

**Enable power, video and touch with a  
single USB-C cable**

**Flexible mounting in portrait, landscape  
and table-top orientation**

**Enable Smarter Kiosks - Pair your open  
frame with the Elo Backpack® and  
EloView® to create an affordable,  
scalable, single-architecture deployment**

## 64-Series Open-Frame Touchscreen

| Specifications                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                                                                         |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                               | 0764L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1064L                                                                                                                                                 | 1564L                                                                                                                                                                                                   |
| Color                               | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                       |                                                                                                                                                                                                         |
| LCD Technology                      | Active matrix TFT LCD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                       |                                                                                                                                                                                                         |
| Diagonal Size                       | 7"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10.1"                                                                                                                                                 | 15.6"                                                                                                                                                                                                   |
| Active Display Area                 | 5.90" x 3.69" / 149.76 mm x 93.60 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8.54" x 5.34" / 216.96 mm x 135.60 mm                                                                                                                 | 13.55" x 7.62" / 344.16 mm x 193.59 mm                                                                                                                                                                  |
| Aspect Ratio                        | 16:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                       | 16:9                                                                                                                                                                                                    |
| Native Resolution                   | 1280 x 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                       | 1920 x 1080                                                                                                                                                                                             |
| Preset Video Timings                | 640x480 60Hz; 800x500 60Hz; 800x600 56, 60Hz; 1024x768 60Hz; 1280x800 60Hz RB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 640x480 60Hz; 720x400 70Hz; 800x500 60Hz; 800x600 60Hz; 1024x768 60Hz; 1280x800 60Hz, 60Hz RB; 1366x768 60Hz, 60Hz RB; 1920x1080 60Hz; 1920x1200 60Hz | 640x480 60Hz; 720x400 70Hz; 800x500 60Hz; 800x600 56, 60Hz; 1024x768 60Hz; 1280x800 60Hz; 1280x1024 60Hz; 1366x768 60Hz, 60Hz RB; 1440x900 60Hz, 60Hz RB; 1680x1050 60Hz, 60Hz RB; 1920x1080 50Hz, 60Hz |
| Touch Technology                    | TouchPro® PCAP - up to 10 touches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                       |                                                                                                                                                                                                         |
| Touch Thru                          | TouchPro® PCAP supports up to an additional 6mm glass/3mm plastic with up to 2 touches.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                       |                                                                                                                                                                                                         |
| Number of Colors                    | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                       |                                                                                                                                                                                                         |
| Brightness (typical)                | LCD Panel: 400 nits; TouchPro PCAP: 360 nits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LCD Panel: 500 nits; TouchPro PCAP: 450 nits                                                                                                          | LCD Panel: 450 nits; TouchPro PCAP: 405 nits                                                                                                                                                            |
| Response Time (Tr + Tf) (typical)   | 40 msec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 29 msec                                                                                                                                               | 25 msec                                                                                                                                                                                                 |
| Viewing Angle (typical)             | Horizontal: 88°/176°; Vertical: 88°/176°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Horizontal: 89°/178°; Vertical: 89°/178°                                                                                                              |                                                                                                                                                                                                         |
| Contrast Ratio (typical)            | 800:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                       | 1000:1                                                                                                                                                                                                  |
| On-Screen Display (OSD)             | On screen OSD with menu and power buttons on the back of the unit. Supported Touch gestures include:<br>1. Call out the OSD menu. 2. lock/unlock the OSD button function. 3. lock/unlock the power button function.<br>Controls: Menu, Power<br>Settings: Auto Scan, Video Priority, Brightness, Contrast, Aspect Ratio, Sharpness, Color Temperature, Color Enhance, Low Blue Light, OSD Timeout, OSD Language, Recall Defaults, Information, Touch On Sleep Mode, Touch Through<br>Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese,<br>Lockouts: OSD, Power |                                                                                                                                                       |                                                                                                                                                                                                         |
| Video                               | HDMI V1.4 Type A receptacle for HDMI input, DisplayPort V1.2 - Supports later versions of Display Port video input, USB Type-C<br>*Suggest using Elo USB Type-C to Type-C (Elo P/N: E129019) cable to prevent any compatibility issues<br>Input Video Horizontal Sync frequency range: 30 - 80KHz, Input Video Vertical Sync (frame rate) frequency range: 50 - 75Hz                                                                                                                                                                                                                                                  |                                                                                                                                                       |                                                                                                                                                                                                         |
| Power                               | Option1: External DC - Optional power brick (sold separately); Monitor input power connector: Coaxial power jack (2.0mm (+0.0 -0.1mm) pin outer diameter, 6.4mm (+/- 0.3mm) barrel inner diameter, 8.8mm (+/- 0.3mm) Barrel depth); Monitor input power signal specifications: 12V - 24V DC +/- 5%; Adapter output power connector: DC barrel plug (2.1mm (+/- 0.1mm) pin inner diameter, 5.5mm (+/- 0.05mm) barrel outer diameter, 9.5mm (+/- 0.3mm) Barrel length)<br>Option 2: USB Type-C Input range: 5V±5%@3A / 9V±5%@3A / 15V±5% @1.8A / 20V±5%@1.35A                                                           |                                                                                                                                                       |                                                                                                                                                                                                         |
| Power Consumption (Typical)         | ON (Default - 80% Brightness): 4.57W<br>ON (Typical - 100% Brightness): 6.84W<br>SLEEP (monitor + adapter): 0.40W<br>OFF (monitor + adapter): 0.25W                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ON (Default - 80% Brightness): 6.52W<br>ON (Typical - 100% Brightness): 7.42W<br>SLEEP (monitor + adapter): 0.45W<br>OFF (monitor + adapter): 0.25W   | ON (Default - 80% Brightness): 9.36W<br>ON (Typical - 100% Brightness): 12.95W<br>SLEEP (monitor + adapter): 0.45W<br>OFF (monitor + adapter): 0.25W                                                    |
| Mounting Options                    | 75 mm VESA mount, Mounting interface on all 4 sides, Flush mount with included brackets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                       |                                                                                                                                                                                                         |
| Weight                              | Unpackaged: 1.47 lbs / 0.66 kg<br>Packaged: 2.87 lbs / 1.3 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unpackaged: 2.75 lbs / 1.25 kg<br>Packaged: 5.35 lbs / 2.43 kg                                                                                        | Unpackaged: 4.91 lbs / 2.23 kg<br>Packaged: 9.09 lbs / 4.12 kg                                                                                                                                          |
| Dimensions                          | 6.94" x 4.72" x 1.25" /<br>176.2 mm x 120.0 mm x 31.7 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 9.46" x 6.26" x 1.26" /<br>240.4 mm x 159.0 mm x 32.0 mm                                                                                              | 14.76" x 8.83" x 1.24" /<br>375.0 mm x 224.4 mm x 31.6 mm                                                                                                                                               |
| Shipping Dimensions                 | 9.13" x 6.70" x 3.74" /<br>232 mm x 170 mm x 95 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 12.40" x 9.57" x 5.67" /<br>315 mm x 243 mm x 144 mm                                                                                                  | 17.72" x 11.89" x 5.55" /<br>450 mm x 302 mm x 141 mm                                                                                                                                                   |
| Temperature                         | Operating: 0° C to 40° C / 32° F to 104° F; Storage: -20° C to 60° C / -4° F to 140° F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                       |                                                                                                                                                                                                         |
| Humidity (non-condensing)           | Operating: 20% - 80%; Storage: 10% - 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                       |                                                                                                                                                                                                         |
| Maximum operating time              | 24 hours/day                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                       |                                                                                                                                                                                                         |
| Regulatory Approvals & Declarations | Australia RCM; Canada cUL, IC; China CCC; Europe CE, TUV; United Kingdom UKCA; Japan VCCI; Korea KCC; Mexico NoM; Taiwan BSMI; United States UL, FCC; International CB; RoHS, China RoHS, WEEE                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                       |                                                                                                                                                                                                         |
| Ingress Protection                  | IPX1 for front side                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                       |                                                                                                                                                                                                         |
| Energy Star                         | Energy Star 7.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                       | Energy Star 8.0                                                                                                                                                                                         |
| Compliance                          | GLI 27 kV air / 8 kV contact ESD compliant; UL62368 ball-drop compliant; IK08 impact compliant; TUV Rheinland (Low Blue Light); Power collection function via DDCCI; TUV Rheinland (Flicker Free) - 0764L only                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                       |                                                                                                                                                                                                         |
| Warranty                            | 3 year standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                                                                         |
| Extended Warranty                   | 4 year - Elo P/N: E898247, 5 year - Elo P/N: E898449,<br>3 year + AUR - Elo P/N: E898648, 4 year + AUR - Elo P/N: E894921, 5 year + AUR - Elo P/N: E895125                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                       |                                                                                                                                                                                                         |
| MTBF                                | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                       |                                                                                                                                                                                                         |
| What's in the Box                   | 64-Series Monitor, HDMI cable, Touch USB Cable (USB-A to USB-C), Flush Mount Brackets w/Screws, Quick Install Guide , EEI Label                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                                                                         |

## Ordering Information

| Model | Part Number | Technology    | Interface | Surface Treatment | Availability |
|-------|-------------|---------------|-----------|-------------------|--------------|
| 0764L | E970862     | TouchPro PCAP | USB 2.0   | Clear             | Worldwide    |
| 1064L | E971060     | TouchPro PCAP | USB 2.0   | Clear             | Worldwide    |
| 1564L | E971256     | TouchPro PCAP | USB 2.0   | Clear             | Worldwide    |

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