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64-Series

Open-Frame Touchscreen



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, 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: 1. Call out the OSD menu. 2. lock/unlock the OSD button function. 3. lock/unlock the power button function. Controls: Menu, Power 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 Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese, 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 *Suggest using Elo USB Type-C to Type-C (Elo P/N: E129019) cable to prevent any compatibility issues 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) 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 ON (Typical - 100% Brightness): 6.84W SLEEP (monitor + adapter): 0.40W OFF (monitor + adapter): 0.25W	ON (Default - 80% Brightness): 6.52W ON (Typical - 100% Brightness): 7.42W SLEEP (monitor + adapter): 0.45W OFF (monitor + adapter): 0.25W	ON (Default - 80% Brightness): 9.36W ON (Typical - 100% Brightness): 12.95W SLEEP (monitor + adapter): 0.45W OFF (monitor + adapter): 0.25W
Mounting Options	75 mm VESA mount, Mounting interface on all 4 sides, Flush mount with included brackets	75 mm and 100mm VESA mount, Mounting interface on all 4 sides, Flush mount with included brackets	
Weight	Unpackaged: 1.47 lbs / 0.66 kg Packaged: 2.87 lbs / 1.3 kg	Unpackaged: 2.75 lbs / 1.25 kg Packaged: 5.35 lbs / 2.43 kg	Unpackaged: 4.91 lbs / 2.23 kg Packaged: 9.09 lbs / 4.12 kg
Dimensions	6.94" x 4.72" x 1.25" / 176.2 mm x 120.0 mm x 31.7 mm	9.46" x 6.26" x 1.26" / 240.4 mm x 159.0 mm x 32.0 mm	14.76" x 8.83" x 1.24" / 375.0 mm x 224.4 mm x 31.6 mm
Shipping Dimensions	9.13" x 6.70" x 3.74" / 232 mm x 170 mm x 95 mm	12.40" x 9.57" x5.67" / 315 mm x 243 mm x 144 mm	17.72" x 11.89" x 5.55" / 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; Taiwán 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, 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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