

5054L 50" Touchscreen Signage

Specifications	
Bezel Color	Black
Display	50" / 1270 mm diagonal, active matrix TFT LCD
Active Display Area (W x H)	43.14" x 24.27" / 1095.8 mm x 616.4 mm
Touch Technology	TouchPro® PCAP - up to 40 touches with palm rejection; Infrared (IR) - up to 20 touches
Touch Thru	TouchPro® PCAP supports up to 6mm glass/3mm plastic with up to 2 touches. Supports gloves up to 1.4mm.
Aspect Ratio	16:9
Native Resolution	3840 x 2160 @ 60 Hz
Preset Video Timings	640x480 60Hz; 800x600 56/60Hz; 1024x768 60Hz; 1280x720 60Hz; 1280x960 60Hz; 1280x1024 60Hz; 1920x1080 50/60Hz; 2560x1440 60 Hz;
Number of Colors	8bit + FRC, 1.07Billion colors
Brightness (typical)	LCD Panel 500 nits; with PCAP 430 nits; with IR: 450 nits
Response Time (typical)	9.5 msec
Viewing Angle (typical)	Horizontal: ±89°/178° total; Vertical: ±89°/178° total
Contrast Ratio (typical)	4000:1
Compute mounting options	Elo Backpack 4.0, Intel NUC with 100mm x 100mm VESA mounting plate, BrightSign XT/XD/HD series player
Built-in IoT control	EloView: Elo Cloud control supported, Crestron Connected V2 supported.
On-Screen Display (OSD)	Let's Get Started: Language Selection, Time Setting, Time Zone Video Source Select: HDMI-1, HDMI-2, DisplayPort, USB-C Video Settings: Video Port Discovery, Brightness, Contrast, Black Level, Sharpness and Aspect Ratio Color Settings: Color Temperature, Color Sensor, User Preset (for color), Picture Modes and HDMI Full Range Audio Settings: Audio Output, Mute, Volume selection Information: Monitor, Temperature, IoT Network status, IoT Error Message, Help and Support Power: Power Loss Behavior, Power Lock, Energy Saving Mode, Power Status Light options, HDMI CEC Time: Time Set, On/Off Schedule OSD Settings: Recall Defaults, OSD Timer, OSD Language, OSD Lock and OSD Portrait Rotation, Touch Through, Tabletop Configuration: Source Port Lock (Will sync to EloView when connected), FW Update (via OTA or USB)
I/O Ports	2x HDMI 2.0, USB-C (for Touch and Video), RJ45 (for IoT LAN port), RJ45 (for optional OSD remote), DisplayPort 1.4, 3.5mm TRS jack (for RS232/MDC), 3.5mm Audio Headphones out, 4x Elo Edge Connect Micro USB 2.0, USB-A (for Wi-Fi dongle only)
Control Buttons	Power, Video Source Selection, On Screen Display
Video	2x HDMI on Type A connector (HDCP-capable), DisplayPort 1.4 connector (HDCP-capable), USB-C connector (HDCP-capable) Input Video Horizontal Sync frequency range: FHD: 30 - 135 KHz, Input Video Vertical Sync (frame rate) frequency range: 24 - 64 Hz
Power	Input connector (power): IEC 60320-C13; Input signal specifications (power): 100-240VAC 50/60Hz Output connector (bypass input power to backside device): IEC 60320-C14 AC outlet short cable (IEC C14 to C5 head) power rating: 100V/2A (200 W), 220V/2A (440 W) Power Consumption: ON: 99 W, SLEEP: 1.8 W, OFF: 0.28 W
Audio	Speakers: 2 x 8 W stereo speakers; Headphone output: 3.5 mm TRS jack
Mounting Options	VESA 400 x 400mm, M6
Dimensions	PCAP - 45.71" x 26.84" x 2.11" / 1161.1 mm x 681.7 mm x 53.6 mm; IR - 45.71" x 26.84" x 2.50" / 1161.1 mm x 681.7 mm x 63.4 mm
Shipping Dimensions	51.57" x 37.0" x 7.36" / 1310 mm x 940 x 187 mm
Weight	PCAP - Unpackaged: 56.79 lbs / 24.23 kg; Packaged: 69.84 lbs / 30.79 kg IR - Unpackaged: 56.99 lbs / 24.42 kg; Packaged: 71.1 lbs / 30.89 kg
Maximum Operating Time	24 hours/day
Other Features	Ambient Light Sensor - changes panel color to match ambient light, Auto Wake; Wake by IoT (EloView Feature), OTA FW upgrade
Sealing	Touchscreen sealed to bezel; Touchscreen sealed to LCD
MTBF	50,000 hours demonstrated
Temperature	Portrait/Landscape/Tilt (≤15°) Mode - Operating: 0° C to 40° C / 32° F to 104° F; Storage: -20° C to 60° C / -4° F to 140° F Tabletop Mode - Operating: 0° C to 35° C / 32° F to 95° F; Storage: -20° C to 60° C / -4° F to 140° F
Humidity (non-condensing)	Operating: 20% - 80%; Storage: 10% - 95% (38.7° C max wet bulb temperature)
Regulatory Approvals and Declarations	UL 62368-1; FCC/CEC (US); cUL, IC (Canada); CB (International safety) (IEC/EN60950-1+IEC/EN62368-1); CE (Europe); VCCI (Japan); RCM (Australia); CCC/CEL, China RoHS (China); IK07; UL60950 for ball drop test
Compliance	Energy Star 8.0
Warranty	3 years standard with AUR included
Extended Warranty	4 year + AUR - Elo P/N: E740135; 5 year + AUR - Elo P/N: E740330, 3 year + OSE (Continental US Only) - Elo P/N: E740527, 4 year + OSE (Continental US Only) - Elo P/N: E740728, 5 year + OSE (Continental US Only) - Elo P/N: E740918
What's in the Box	5054L, Quick Install Guide, AC (in) Power cables (IEC 60320-C13 to NA plug, IEC 60320-C13 to EU/KR plug, IEC 60320-C13 to UK plug), AC (out) Power cable, IEC 60320-C14 to IEC 60320-C5 (0.3m) (With PSE certified), USB cable (1m) (Connector: Type-C to Type-C), Energy label according to EU Regulation 2019/2013, 1x EU EEI, 2x UK EEI, 4x M4x6mm flat head screws (for BrightSign players)

Ordering Information

Part Number	Technology	Surface Treatment	Touch Interface
E103538	TouchPro PCAP	Clear with Anti-Friction	USB-C
E103738	TouchPro PCAP	Anti-Glare	USB-C
E103937	Infrared (IR)	Clear with Anti-Friction	USB-C

Learn more about Elo at [EloTouch.com](https://www.elotouch.com).

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

Elo reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products. Elo, the Elo logo, Elo Backpack and TouchPro are either trademarks or registered trademarks of Elo Touch Solutions, Inc. All other trademarks are the property of their respective owners.
© 2024 Elo Touch Solutions, Inc. All rights reserved. 24071AES00187

