Product Overview

Elo's 5553L 55-inch 4K touchscreen display makes it easy to add interactivity to any environment. Perfect for everything from endless aisle and brand experiences to collaborative meetings, conferencing and whiteboarding, the 5553L offers a sleek, slim design built to withstand the rigors of continuous commercial use. And, the added flexibility of integrating an optional computer module turns the display into a powerful 55-inch all-in-one life-size tablet. Available with Elo’s industry leading TouchPro® Projected Capacitive (PCAP) enabling up to 40 touches or Infrared (IR) touch technology with up to 20 touches, the professional-grade large format display is designed to help you create engaging experiences.

4K UHD  

Collaboration Ready  

Commercial Grade  

Expand your touchscreens potential with Elo Edge Connect™ - add a Conference Camera, EMV reader, NFC/RFID, MSR, barcode reader and more

Includes Qwizdom’s annotation and whiteboarding software

Optional, high-performance computer modules are available to turn the IDS into an integrated all-in-one system
5553L 55" Interactive Display

Specifications

Model 5553L
Form Factor Digital Signage
Color Black
Active Display Area (W x H) 47.62" x 26.79" / 1209.6 mm x 680.4 mm
Dimensions (W x D x H) TouchPro: 50.07" x 29.24" x 3.15" / 1271.8 mm x 742.6 mm x 80 mm; IR: 50.07" x 29.24" x 3.54" / 1271.8 mm x 742.6 mm x 89.8 mm
Display Technology 3840 x 2160 @ 60Hz (native); Active matrix TFT LCD with LED backlight (Other resolutions supported)
Diagonal Size 54.64" / 1387.78 mm
Aspect Ratio 16:9
Number of Colors 10 bit (D), 1.07 Billion
Brightness (typical) LCD Panel 500 nits; with IR 450 nits; with TouchPro PCAP: 430 nits
Response Time (Tr + Tf) (typical) 8 msec
Viewing Angle (typical) Horizontal: ±89°/178° total; Vertical: ±89°/178° total
Contrast Ratio (typical) 1100:1
On-Screen Display (OSD) Let's Get Started, Video Source Select, Color Settings, Audio Settings, Power, Time, OSD Settings, Information, Conference
Available I/O Ports Back: HDMI x2, USB 3.0 Type B, RJ45 OSD Remote, DisplayPort 1.4, 3.5mm TRS jack for Serial RS232, 3.5mm Audio Headphone Line-out Side: HDMI x1, USB 3.0 Type A, Power Button, Video Source Selection, On Screen Display Button
Video Inputs 3x HDCP-capable HDMI on Type A connector, DisplayPort 1.4 connector
Power
Input Voltage Horizontal Sync frequency range: 121.8 - 140 KHz; Input Video Vertical Sync (frame rate) frequency range: 47 - 63 Hz
Power Input Power connector: IEC 60320-C13, Input power specifications: 100-240VAC 50/60Hz
Power Consumption: IR (monitor + AC/DC adapter): ON: 110.72 W; ON (with ECMG4): 124.23 W; SLEEP: 1.52 W; OFF: 0.38 W
Audio
Speakers: 2 x 10 W stereo speakers, Audio input connector: 3.5 mm TRS jack, Audio input signal range: 1Vrms max stereo signal (standard PC line out), Headphone output: 3.5 mm TRS jack
Weight Unpackaged - TouchPro: With ECMG4: 85.8 lbs / 38.9 kg, Without ECMG4: 81.1 lbs / 36.8 kg; IR: With ECMG4: 85.2 lbs / 38.5 kg, Without ECMG4: 80.6 lbs / 36.5 kg
Packaged - TouchPro: Without ECMG4: 102.5 lbs / 46.47 kg; IR: Without ECMG4: 101.9 lbs / 46.22 kg
Shipping Dimensions 55.12" x 36.61" x 9.61" / 1410 mm x 930 mm x 244 mm
Maximum Operating Time 24 hours/day
Temperature Portrait/Landscape Mode: Operating: 0°C to 40°C OR 32°F to 104°F; Storage: -20° C to 60° C OR -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, cUL, IC, CB (IEC/EN60950-1+IEC/EN62368-1), CE, RCM, VCCI, CCC (for TouchPro version only)
Energy Star 8.0
Mounting Options VESA MOUNT PER MIS-F, 400 x 400mm, M6; VESA MOUNT PER MIS-F, 600 x 600mm, M8
Other Features Auto wake on light sensor
Warranty 3 years standard
Extended Warranty 4 year warranty - Elo P/N: E446308; 5 year warranty - Elo P/N: E947470
3 year warranty + AUR - Elo P/N: E947781; 4 year warranty + AUR - Elo P/N: E365S05; 5 year warranty + AUR - Elo P/N: E065232
4 year warranty + OSE (Continental US only) - Elo P/N: E065S06; 5 year warranty + OSE (Continental US only) - Elo P/N: E898062
MTBF 50,000 hours demonstrated
What’s in the Box QIG, HDMI 2.0 cable, USB 3.0 cable (Type A to Type B), power cable, IEC 60320-C13 to (NA plug, EU/KR plug, UK plug), Serial 3.5mm male to Serial DB9 female cable, Energy label according to EU Regulation 1062/2010, stylus tray TouchPro only: Active Stylus x2 (with AA battery), IR only: Passive Stylus x2

Ordering Information

Model Part Number Technology Surface Treatment Touch Interface
5553L E628053 TouchPro PCAP Anti-Glare USB
E628244 Infrared Anti-Friction USB
E914973 TouchPro PCAP Anti-Friction USB

Optional Computer Modules

Model Part Numbers Processor RAM Storage OS
ECMG4-i5 E227895 Intel Core i5-7500 Processor 8GB 256GB SSD Windows 10 CBB
E725044 Intel Core i5-7500 Processor 8GB 256GB SSD Windows 10 LTSC
E228087 Intel Core i5-7500 Processor 8GB 256GB SSD Windows 10 LTSC
EB98841 Intel Core i5-7500 Processor 8GB 256GB SSD Windows 10 LTSC with Montage Software

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

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