



# 4602L 46-inch

Touchscreen Signage



**Integrated Touch**



**Commercial Grade**



**3-Year Warranty**

## Product Overview

Elo's 4602L 46-inch interactive digital signage touchscreen delivers a professional-grade large format display in a slim, integrated package. With a 500 nit LED panel, the 4602L is a bright, high quality display suitable for public environments. State of the art HD display technology is utilized including a high contrast/brightness LED-backlit LCD panel, extended color gamut with movie/ gaming/ photo modes, black level adjustment, and on-screen menu enhancements.

Available with Elo's industry leading TouchPro® PCAP enabling up to 12 touches and Infrared (IR) touch technology with up to 20 touches. Both touch technologies provide a fast and extremely sensitive response that are compatible with Microsoft Windows 10 and Android 7.1 operating systems. Additionally, the PCAP display provides the optimal large format, "smart phone like" touch experience with anti-friction edge-to-edge glass that is easy to clean with no edges to trap dirt and grease.

**The 2 inches (51 mm) thin (<4" mounted) design is compliant with ADA and IBC protrusion requirements**

**Reliable, integrated IDS solution with optional NFC / RFID scanners and webcam kits**

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

## 4602L 46" Touchscreen Signage

Specifications	
Model	4602L
Form Factor	Digital Signage
Bezel Color	Black
Active Display Area (W x H)	40.1" x 22.6" (1018.1mm x 572.7mm)
Dimensions (W x H x D)	IR: 42.63" x 25.09" x 2.43" (1082.8 mm x 637.4 mm x 61.6 mm) PCAP: 42.63" x 25.09" x 2.02" (1082.8 mm x 637.4 mm x 51.3 mm)
Display Technology	Full HD 1920 x 1080 @ 60Hz (native) Active matrix TFT LCD with LED backlight (Other resolutions supported)
Mounting Options	VESA 4-hole mount per MIS-F, 400, 400, 6MM
Diagonal Size	46.0" (116.84 cm)
Aspect Ratio	16:9
Number of Colors	16.7 million
Brightness (typical)	LCD Panel 500 nits; with IR 450 nits; with Projected Capacitive 430 nits
Response Time (Tr + Tf) (typical)	6.5 msec
Viewing Angle (typical)	Horizontal: ±89°/178° total; Vertical: ±89°/178° total
Contrast Ratio (typical)	4000:1
On-Screen Display (OSD)	Video Settings: Video Port Discovery, Video Source Select, Black Level, Brightness, Contrast, Sharpness & Auto Adjustment; Color Settings: Color Temperature, User Preset (for color), Dynamic Color Modes are available in this menu; Audio Settings: Audio Source selection is available here. The monitor can be muted and volume can be adjusted; OSD Settings: The OSD Timer and language can be changed in this menu; Power Settings: The Power Behavior can be changed in this menu; RTC Settings: Time setting & the monitor ON/OFF schedule can be changed within this menu. Daylight Saving time will change the current time by one hour to accommodate daylight savings time;
Available I/O Ports	Input: AC power input, USB type B (for Touch), VGA, 2x HDMI, GPIO, DisplayPort, Audio Line-in Output: Audio Headphones out, RJ45 (for optional OSD remote)
Video Inputs	Analog VGA on Female DE-15 connector; 2x HDCP-capable HDMI 1.3 on Type A connector; DisplayPort 1.1a connector; Input Video Horizontal Sync frequency range: 31.5-73 KHz; Input Video Vertical Sync (frame rate) frequency range: 47-63Hz
Power	Input power connector: IEC 60320 C6; Input power signal specifications: 100-240VAC 50/60Hz Monitor Only (typical at 120V at 60Hz): ON: 95W; SLEEP: 8.7W; OFF: 2.5W / (typical at 230V at 50Hz): ON: 96W; SLEEP: 8W; OFF: 2.8W Monitor w/ ECM (typical at 120V at 60Hz): ON: 106W; SLEEP: 11.3W; OFF: 11W / (typical at 230V at 50Hz): ON: 107W; SLEEP: 11.2W; OFF: 11W
Audio	Internal Speakers: 4 x 5W stereo speakers; Input audio connector: 3.5mm TRS jack; Input audio signal range: 1Vrms max stereo signal (standard PC line out); Headphone output connector: 3.5mm TRS jack
Weight	IR: Unpackaged – w/ ECMG3: 59.2 lbs (26.9kg); w/o ECMG3: 52.6 lbs (23.9kg); Packaged: w/o ECMG3: 67.8 lbs (30.8kg) PCAP: Unpackaged – w/ ECMG3: 59.6 lbs (27.0kg); w/o ECMG3: 52.9 lbs (24.0kg) Packaged: w/o ECMG3: 68.1 lbs (30.9kg)
Shipping Dimensions	Length: 48.0" x 8.3" x 29.5" (1220mm x 210mm x 750mm)
Maximum Operating Time	24 hours/day
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 140°F (-20°C to 60°C)
Humidity (non-condensing)	Operating: 20%-80%; Storage: 10%-95%
Regulatory Approvals and Declarations	UL, FCC; cUL, IC; CB; CE / RFID Supported Protocols: ISO - 14443-A; ISO - 14443-B; ISO - 15693
Accessories	NFC (E001004), Barcode Reader (E093433), MSR (E001002), OPS Kit (E337104), OSD Control Box (E483757), Replacement Cable Kit (E000263), Stand (E275623), Side-Mount Brackets (E329508), Wall Mount Kit (E275050), Webcam (E275233)
Warranty	3 years standard. On-site exchange (U.S. only)
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
MTBF	50,000 hours demonstrated
What's in the Box	HDMI cable (Type A plug to Type A plug), USB cable (Type A plug to Type B plug), power cable, IEC 60320-C5 to N. America plug power cable, IEC 60320-C5 to EU/KR plug power cable, IEC 60320-C5 to UK plug, 3.5mm Audio Cable, Energy label according to EU Regulation

## Ordering Information

Model	Part Number	Part Description	Technology	
4602L	E222370	Infrared	Clear	USB
	E222373	TouchPro PCAP	Clear with Anti-Friction	USB

## Optional Computer Modules

Model	Part Numbers	Processor	RAM	Storage	OS
ECMG3-i3	E400587	Intel Core i3-6100 Processor	4GB	128GB SSD	No OS
	E400965	Intel Core i3-6100 Processor	4GB	128GB SSD	Windows 10
ECMG3-i5	E401168	Intel Core i5-6500 Processor	4GB	128GB SSD	No OS
	E401558	Intel Core i5-6500 Processor	4GB	128GB SSD	Windows 10
	E343989	Intel Core i5-6500 Processor	4GB	128GB SSD	Windows 10 with DisplayNote Montage SW
ECMG3-i7	E401764	Intel Core i7-6700 Processor	4GB	128GB SSD	No OS
	E402161	Intel Core i7-6700 Processor	4GB	128GB SSD	Windows 10
Elo Backpack®	E611864	Qualcomm Snapdragon APQ8053 CPU	2GB	16GB eMMC	Android 7.1
	E901355	Qualcomm Snapdragon APQ8053 CPU	2GB	16GB SSD	Android 8.1

Learn more about Elo at [EloTouch.com](http://EloTouch.com).

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