

ELO[®] 46-inch Touchscreen Monitor

elo **4602L** **46-inch**

Touchscreen Monitor



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. At 2 inches (50.5 mm) thin, the 4602L is compliant with the ADA and IBC requirements of less than 4-inch protrusion when mounted with an Elo low-profile wall-mounting kit.

With a 500 nit LCD panel, the 4602L is a bright, high quality display suitable for public environments. Available with a choice of two multi-touch touchscreen technologies, zero-bezel Projected Capacitive (PCAP) or Infrared (IR), both enable up to ten simultaneous touches for multi-user interaction. The IR touchscreen is 3.2mm thick and the PCAP touchscreen is 2.8mm thick, both with chemically strengthened glass. State of the art HD display technology is utilized including a high contrast/brightness LCD-backlit LCD panel, extended color gamut with movie/ gaming/ photo modes, black level adjustment, and on-screen menu enhancements.

Thin (<4" mounted) design is attractive and 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

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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 D x H)	IR: 46.6" x 2.4" x 25.1" (1183.64mm x 61.6mm x 637.4mm) PCAP: 42.6" x 2.0" x 25.1" (1082.04mm x 51.3mm x 637.4mm)
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
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/ ECMG2B: 59.2 lbs (26.9kg); w/o ECMG2B: 52.6 lbs (23.9kg); Packaged: w/o ECMG2B: 67.8 lbs (30.8kg) PCAP: Unpackaged – w/ ECMG2B: 59.6 lbs (27.0kg); w/o ECMG2B: 52.9 lbs (24.0kg) Packaged: w/o ECMG2B: 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), ECMG2 Power Module (E275433), 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) and extended warranty available
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	Availability
4602L	E222370	ET4602L-9UWA-0-MT-GY-G	Infrared	Worldwide
	E222373	ET4602L-2UWA-0-MT-ZB-GY-G	Projected Capacitive	Worldwide
	E441095	ET4602L-0UWA-0-GY-G	No Touch	Worldwide

Optional Computer Modules

Model	Part Number	Processor	RAM	Storage	OS
ELO-KIT-ECMG2C-i3-NO	E333775	Intel® Core™ 4th Gen i3 3.4 GHz HD4400	2GB	320GB	No OS
ELO-KIT-ECMG2C-i3-W7	E333965	Intel Core 4th Gen i3 3.4 GHz HD4400	2GB	320GB	Windows 7
ELO-KIT-ECMG2C-i3-W8	E334168	Intel Core 4th Gen i3 3.4 GHz HD4400	2GB	320GB	Windows 8.1
ELO-KIT-ECMG2B-i3-W10	E991367	Intel Core 4th Gen i3 3.4 GHz HD4400	2GB	128GB	Windows 10
ELO-KIT-ECMG2C-i5-NO	E334358	Intel Core 4th Gen i5 3.7 GHz HD4600	4GB	320GB	No OS
ELO-KIT-ECMG2C-i5-W7	E334542	Intel Core 4th Gen i5 3.7 GHz HD4600	4GB	320GB	Windows 7
ELO-KIT-ECMG2C-i5-W8	E334744	Intel Core 4th Gen i5 3.7 GHz HD4600	4GB	320GB	Windows 8.1
ELO-KIT-ECMG2B-i5-W10	E991988	Intel Core 4th Gen i5 3.7 GHz HD4600	4GB	128GB	Windows 10
ELO-KIT-ECMG2C-i7-NO	E334949	Intel Core 4th Gen i7 4.0 GHz HD4600	8GB	320GB	No OS
ELO-KIT-ECMG2C-i7-W7	E335147	Intel Core 4th Gen i7 4.0 GHz HD4600	8GB	320GB	Windows 7
ELO-KIT-ECMG2C-i7-W8	E335345	Intel Core 4th Gen i7 4.0 GHz HD4600	8GB	320GB	Windows 8.1
ELO-KIT-ECMG2B-i7-W10	E992401	Intel Core 4th Gen i7 4.0 GHz HD4600	8GB	128GB	Windows 10
ELO-KIT-ECMG2C-AND	E336899	Qualcomm® Snapdragon™ APQ8064 CPU	2GB	16GB eMMC	Android

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