



# 4202L 42-inch

Touchscreen Signage



**Integrated Touch**



**Commercial Grade**



**3-Year Warranty**

## Product Overview

Elo's 4202L 42-inch interactive digital signage touchscreen delivers a professional-grade large format display in a slim, integrated package. With a 500 nit LED panel, the 4202L 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**

## 4202L 42" Touchscreen Signage

| Specifications                        |   |
|---------------------------------------|---|
| Model                                 | 4202L   |
| Form Factor                           | Digital Signage   |
| Bezel Color                           | Black   |
| Active Display Area (W x H)           | 36.6" x 20.1" (930.2mm x 523.3mm)   |
| Dimensions (W x D x H)                | IR: 39.2" x 2.4" x 23.2" (995.1mm x 61.6mm x 588.1mm) PCAP: 39.2" x 2.0" x 23.2" (995.1mm x 50.5mm x 588.1mm)   |
| 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                         | 42.0" (106.7 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)     | 8 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<br>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<br>Monitor Only (typical at 120V at 60Hz): ON: 81W; SLEEP: 8.6W; OFF: 2W / (typical at 230V at 50Hz): ON: 80W; SLEEP: 7W; OFF: 2.1W<br>Monitor w/ ECM (typical at 120V at 60Hz): ON: 88W; SLEEP: 11.6W; OFF: 11W / (typical at 230V at 50Hz): ON: 88W; SLEEP: 10W; 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: 54.9 lbs (24.9kg); w/o ECMG3: 48.3 lbs (21.9kg); Packaged: w/o ECMG3: 61.7 lbs (28.0kg)<br>PCAP: Unpackaged – w/ ECMG3: 52.4 lbs (23.8kg); w/o ECMG3: 45.8 lbs (20.8kg) Packaged: w/o ECMG3: 59.6 lbs (27.0kg)   |
| Shipping Dimensions                   | IR: 43.7" x 8.46" x 28.35" (1110mm x 215mm x 720mm); PCAP: 45.28" x 8.46" x 28.35" (1150mm x 215mm x 720mm)   |
| 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 warranty - Elo P/N: E446308; 5 year warranty - Elo P/N: E967470<br>3 year warranty + AUR - Elo P/N: E967781; 4 year warranty + AUR - Elo P/N: E065005; 5 year warranty + AUR - Elo P/N: E065232<br>4 year warranty + OSE (Continental US only) - Elo P/N: E065906; 5 year warranty + OSE (Continental US only) - Elo P/N: E898062  |
| 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 | Technology    | Surface Treatment        | Touch Interface |
|-------|-------------|---------------|--------------------------|-----------------|
| 4202L | E222369     | Infrared      | Clear                    | USB             |
|       | E222372     | 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                            |

To find out more about our extensive range of Elo touch solutions, go to [elotouch.com](http://elotouch.com), or call the office nearest you.

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