



4200L 42" Interactive Digital Signage Touch Display

The 4200L Interactive Digital Signage (IDS) display combines a precision Elo touch screen with a professional-grade, large format LCD panel. The 4200L offers System Integrators, Value-Added Resellers and Software Developers a high-performance touch solution for interactive digital displays in high traffic environments.

The 42" 4200L is part of a family of large-format touch displays which bring interactivity to digital signage. The 4200L features a choice of three sensitive, accurate touchscreen technologies, each with pure-glass construction for visual clarity:

- Optical touch provides multi-touch (up to 4 touches) and gesture support (Microsoft® Windows 7 required)
- For an elegant appearance the innovative Acoustic Pulse Recognition (APR) touchscreen technology has a seamless, zero-bezel design
- IntelliTouch single-touch surface acoustic wave touchscreen stands out for consistent reliability

The display is housed in a highly durable steel chassis for a long life of reliable and durable performance in almost any public access location. Optical touchscreen technology recognizes touch with a finger, gloved hand, prosthetic, stylus, card or pen while the IntelliTouch touchscreen recognizes touch by a finger, gloved hand, prosthetic, or virtually any soft stylus. With these technologies the result is an efficient display canvas for almost any commercial application.

Optional high performance computer modules are well-suited for running interactive media and are available with a choice of two processing models: ECM1 with the Intel Celeron Dual-Core 2.2GHz and ECM2 with the Intel Core 2 Duo 3.0GHz. The computer modules are field-installable, easily sliding into a dedicated bay behind the touch display and locking into place with two thumbscrews. These modules make the 4200L a reliable platform that is interoperable with content management servers and support optimal partitioning of locally cached and network stored content.

Benefits

- Professional-grade hardware provides improved durability withstands rigors of public use over "consumer-type" displays
- Power and display control functions can be locked out to prevent tampering
- Built-in speakers provide audio expansion capabilities
- Choice of reliable and resilient optical, APR or IntelliTouch touchscreen technologies delivers an exceptional touch experience
- Landscape and portrait orientations allow flexible configurations to suit a variety of design layouts
- Advertising and content effectiveness measured in real-time with interactive feedback
- Available optional slide-in integrated computer module with no cables



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Model	4200L
Useful screen area	Horizontal: 36.6" (930 mm); Vertical: 20.6" (523 mm)
Monitor dimensions (without stand)	Width: 40.2" (1020 mm); Depth: 5.2" (132 mm); Height: 24.1" (613 mm)
Touchscreen technology	Zero-bezel Acoustic Pulse Recognition (APR); IntelliTouch SAW; optical multi-touch
Speakers	A pair of 10 W stereo speakers facing down (in landscape mode)
Audio input connector	3.5 mm TRS jack
Audio input signal range	1 Vrms max stereo signal (standard PC line out)
Headphone output connector	3.5 mm TRS jack
Headphone output signal (for 1KHz signal)	Delivers 90 mW of power into a 32 ohm stereo load
LCD technology	Active matrix TFT LCD
Diagonal size	42"
Aspect ratio	16:9
On-screen display (OSD)	Controls: menu, up, down, select; settings: brightness, contrast, clock, phase, auto-adjust, H-position, V-position; maintain aspect ratio, sharpness, color temperature, OSD timeout, OSD language, mounting, OSD H-position, OSD V-position, volume, mute, recall defaults, video source, audio source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, power; accessible through switches on the rear, or through the standard Elo OSD control box.
Monitor Diagnostics Control	RS-232 interface or through Elo computer module docking connector
Stand options	Optional stand available, order Part Number E448725
Mounting options	VESA MIS-F, 600 x 400, Y, 6, 90
Native (optimal) resolution	1920 x 1080
Other supported resolutions	640 x 480 at 60 Hz; 720 x 480 at 60 Hz; 720 x 576 50 Hz; 800 x 600 at 56, 60 Hz; 1024 x 768 at 60 Hz; 1280 x 720 at 50, 60 Hz; 1280 x 960 at 60 Hz; 1280 x 1024 at 60 Hz; 1360 x 768 at 60 Hz; 1366 x 768 at 60 Hz; 1440 x 900 at 60 Hz; 1680 x 1050 at 60 Hz; 1920 x 1080 at 50, 60 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 450 nits; with APR: 405 nits; IntelliTouch: 405 nits; optical multi-touch: 405 nits
Response time (Tr + Tf) total (typical)	6,5 msec
Viewing angle (typical)	Horizontal: ±89° or 178° total; Vertical: ±89° or 178° total
Contrast ratio (typical)	3500:1
Input video format	Analog VGA, HDMI 1.3
Input video signal connector	Female DE-15 for Analog VGA; HDMI Type A receptacle for HDMI
Input frequency	Horizontal: 32-80 kHz; Vertical: 47-61 Hz
Power supply	Internal AC
Input voltage	100-240 VAC, 50/60 Hz
Power connector	IEC 60320 C14
Power consumption (typical)	Monitor only: ON, max. audio, 100 V/60 Hz: 230 W; SLEEP, 100 V/60 Hz: 12.5 W; OFF, 100 V/60 Hz: 11.5 W
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 50°C (-4°F to 122°F)
Humidity (non-condensing)	Operating: 20-80%; Storage: 10-90%
Weight	Actual: w/o Computer Module: 74.7 lb (33.9 kg); with Computer Module: 80.5 lb (36.5 kg)
Shipping	99.7 lb (45.2 kg) (Computer Module shipped separately)
Shipping box dimensions	Width: 47.0" (1194 mm); Depth: 12.0" (305 mm); Height: 31.0" (788 mm)
Warranty	3 years
MTBF	50,000 hours demonstrated
Agency approvals	CB, UL, FCC, BSMI, cUL, CE, VCCI, IC, C-TICK, S-Mark, CCC, Russia & CIS GOST, NOM, KC

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

North America

TE Touch Solutions
301 Constitution Drive
Menlo Park, CA 94025-1110
800-ELO-TOUCH
Tel 1-650-361-4800
Fax 1-650-361-4722
customerservice@elotouch.com

Europe

Tel +32 (0)16 35 21 00
Fax +32 (0)16 35 21 01
elosales@elotouch.com

Asia-Pacific

Tel +81 (45) 478-2161
Fax +81 (45) 478-2180
www.tps.co.jp

Latin America

Tel 786-923-0251
Fax 305-931-0124
www.elotouch.com.ar



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