1099L
10-inch LCD

Outdoor Open-Frame Touchscreen Display



Optically Bonded 1000 NIT Display

Direct Sunlight Readability

Built-in Temp Control

Product Overview

Elo's 1099L 10-inch outdoor open-frame touchscreen monitor has you covered 24/7 with wide viewing angle technology and 1000 NITs of brightness. The IK09, vandal-proof outdoor display offers direct sunlight readability viewable with polarized sunglasses and extended operating temperatures. From payment and ticketing machines to signage and charging stations, the brilliant, optically bonded weatherproof monitor offers locking connectors and supports 12v-24v DC for easy and secure integration into an enclosure.

The 1099L provides outstanding image clarity and light transmissivity, as well as stable, drift-free operation for accurate touch responses making it well-suited for almost any commercial kiosk application.

Optimize outdoor performance with the ambient light sensor that automatically adjusts the display's brightness to save power and extend the life of the panel.

Mount in landscape, portrait and upward facing orientations, providing optimal flexibility for integrating in any counter, kiosk or cabinet design.

Built for integration into harsh physical and thermal environments: IK09 impact protection with -20C to 60C operating temperatures.

1099L 10-inch Open-Frame Touch

Specifications	
Model	1099L
Color	Black
Active Display Area	8.54" x 5.33" / 216.96 mm x 135.60 mm
Diagonal	10.1"
Aspect Ratio	16:10
Native Resolution	1280x800
Other Supported Resolutions	640x480 60Hz; 720x400 70Hz; 800x600 60Hz; 1024x768 60Hz; 1280x800 60Hz
Number of Colors	16.7 million
Number of Touches	5-touch with USB, 2-touch with touch-thru
Brightness (typical)	With TouchPro PCAP: 1000 nits
Response (typical)	25 msec
Viewing Angle	Horizontal: 85°/170°; Vertical: 85°/170°
Contrast Ratio	800:1
On-Screen Display	Accessible through switches on the unit's tethered OSD Control box. Controls: Menu, Up, Down, Select, Power Brightness, Contrast, Light sensor, Clock, Phase, H-Position, V-Position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Rotation, OSD Language, OSD H-Position, OSD V-Position, Recall Defaults, Video Priority, Information, Touch on Sleep Mode, Touch Through, Touch Interface, GPIO Control, Time Setting, On/Off Schedule, Daylight Saving Time Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese Lockouts: OSD, Power
I/O Ports	Locking for all ports, including USB TypeB, RJ45 for OSD remote key, VGA, HDMI, DisplayPort
Video	HDMI V1.3 Type A receptacle for HDMI input Analog VGA on Female DE-15 (DB-15) connector DisplayPort V1.1a - Supports later versions of DisplayPort video input Input Video Horizontal Sync frequency range: 31.5 – 80 KHz Input Video Vertical Sync (frame rate) frequency range: 60-75Hz
Power	External DC - Optional power brick (sold separately) Monitor input power connector: Coaxial power jack (2.5mm (+0.0 -0.1mm) pin outer diameter, 5.7mm (+/- 0.1mm) barrel inner diameter, 7.8mm (+/- 0.2mm) barrel depth) Monitor input voltage range: 12V – 24V DC +/- 5% Adapter output power connector: DC barrel plug (2.5mm (+/- 0.1mm) pin inner diameter, 5.5mm (+/- 0.05mm) barrel outer diameter, 7.5mm (+/- 0.5mm) barrel length) Adapter input voltage range: 100-240 VAC Input frequency: 50-60 Hz
Power Consumption	Monitor + adapter - ON: 23 W; SLEEP from PC: 1.5 W ; OFF: 1.5 W
Temperature	Operating: -20 °C to 60 °C (-4 °F to 140 °F); Storage: -30 °C to 80 °C (-22 °F to 176 °F)
Humidity	Operating: 10% to 90%; Storage: 10% to 95% (38.7° maximum wet bulb temperature)
Dimensions	10.08" x 6.93" x 1.61" / 256 mm x 176 mm x 41 mm
Shipping Dimensions	13.58" x 10.94" x 6.89" / 345 mm x 278 mm x 175 mm
Weight	Unpackaged: 1.67 kg / 3.68 lbs, Packaged: 3.6 kg / 7.94 lbs
Mounting Options	75mm VESA mount on rear of unit; 2 hole mounting interface on all four sides; Flush mount with included brackets
Warranty	2 years standard
MTBF	50,000 hours demonstrated
Agency Approvals	Australia RCM; Canada cUL, IC; China CCC; Europe CE, TUV; United Kingdom UKCA; Japan VCCI; Korea KCC; Mexico NoM; Taiwan BSMI; United States UL, FCC; International CB; RoHS, China RoHS, WEEE
Compliance	GLI 27 kV air / 8 kV contact ESD compliance; UL ball-drop compliance; IK09 impact compliance
Other Features	Viewable with polarized sunglasses in portrait and landscape orientations. Ambient light sensor. Thermal sensor. External fans (Automatically controlled)
What's in the Box	1099L, HDMI Cable (screw-locking type), VGA Cable, OSD Remote, Touch USB Cable (screw-locking type), QIG, Flush Mount Brackets with screws, EEI Label, Japan Class-B TM info sheet

Ordering Information

Part Number	Technology	Interface	Surface Treatment
E354792	TouchPro PCAP	USB2.0	Anti-Glare

Learn more about Elo at **EloTouch.com**.

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