entuitive
Touchmonitors

1947L

Rear Mount

3000 Series
19" LCD Touchmonitor

SPECIFICATIONS

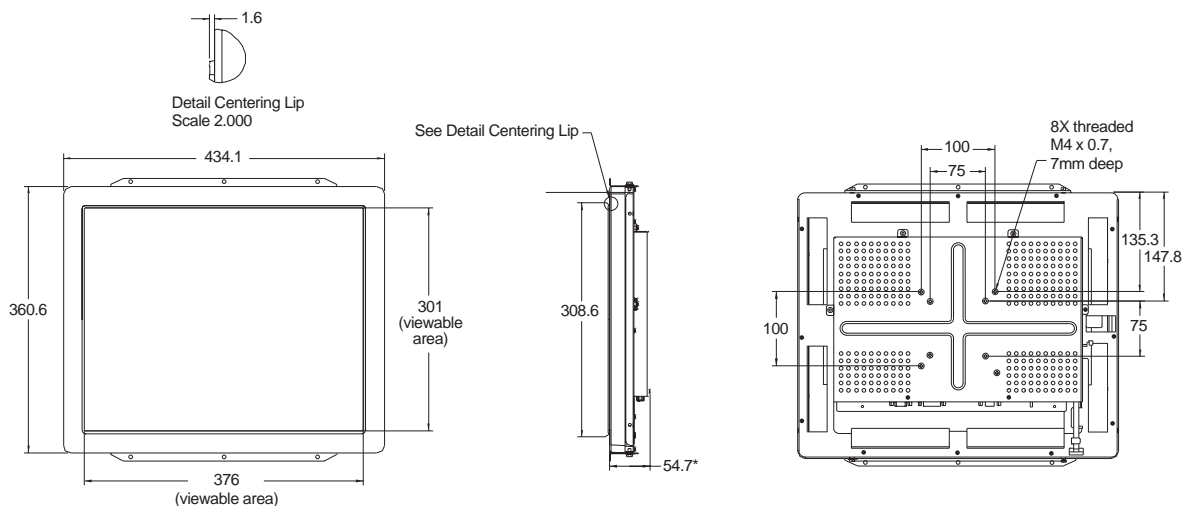|		
Model		1947L
Case/Bezel color		Black
Display type		Active matrix TFT LCD
Display size		19" diagonal
Useful screen area	Horizontal	14.8" (376 mm)
	Vertical	11.9" (301 mm)
Monitor dimensions	Width	17.1" (434 mm)
	Height	14.2" (361 mm); with bracket: 18" (456 mm)
	Depth	2.16" (54.7 mm)
Dimensional drawing number		MS500441 (available at www.elotouch.com)
Optimal (native) resolution		1280 x 1024 at 70 or 75 Hz
Other supported resolutions		1152 x 864 at 75 Hz; 1024 x 768 at 60, 65, or 75 Hz; 832 x 624 at 75 Hz (Mac); 800 x 600 at 56, 60, 72, or 75 Hz; 720 x 400 at 70 Hz; 640 x 480 at 60, or 75 Hz
Colors		16.7 million with dithering
Brightness	LCD panel	300 cd/m^2 (typical)
	LCD panel with touchscreen	AccuTouch: 240 cd/m^2 (typical); SecureTouch: 270 cd/m^2 (typical); IntelliTouch: 276 cd/m^2 (typical)
Response time		Tr: 15 msec (typical); Tf: 10 msec (typical)
Viewing angle (from center)	Horizontal (left/right)	±85° or 170° total (typical) at CR=10
	Vertical (up/down)	±85° or 170° total (typical) at CR=10
Contrast ratio		700:1 (typical)
Input video format		Analog (no proprietary video card needed) or Digital Video Input (DVI-D)
Input video signal connector		DVI-D or mini D-Sub 15-Pin (via included adaptor)
Input frequency		Horizontal 31–80 kHz; vertical 56–75 Hz
Power supply		External power supply, 100–240 VAC, 50–60 Hz; monitor input voltage: 12 V; current: 3.75 A max.
Power dissipation		40 W max. typical
Temperature		Operating 0°C to 45°C; storage –20°C to 60°C
Humidity		Operating 20% to 80%; storage 5% to 90%; noncondensing
Weight (approx.)		Actual 21 lb (9.5 kg); shipping 29 lb (13.2 kg)
Warranty	Monitor	3 years
	Touch technology	5 years AccuTouch; 10 years IntelliTouch/SecureTouch
	Backlight lamp life	40,000 hours to half brightness
Other features		Remote OSD with 1.8 m cable: auto/sel, up, down; menu with contrast, brightness, H/V position, color, temperature, clock, phase, recall, OSD time, language (English, German, Spanish, Japanese, French); mounting options: 100 mm or 75 mm VESA mount; rear mount through bezel or with brackets; panel mount option; mounting brackets included

ORDERING INFORMATION

Touch Technology	Touch Interface	Surface Treatment	Elo Part Number	Agency Approvals
AccuTouch	Serial	Antiglare	D52226-000	UL, cUL, FCC, IC, CE, TÜV-GS, VCCI, C-Tick Class B
AccuTouch	USB	Antiglare	A50245-000	UL, cUL, FCC, IC, CE, TÜV-GS, VCCI, C-Tick Class B
SecureTouch	Serial	Antiglare	928182-000	UL, cUL, FCC, IC, CE, TÜV-GS, VCCI, C-Tick Class B
SecureTouch	USB	Antiglare	A91313-000	UL, cUL, FCC, IC, CE, TÜV-GS, VCCI, C-Tick Class B
IntelliTouch	Serial	Antiglare	229628-000	UL, cUL, FCC, IC, CE, TÜV-GS, VCCI, C-Tick Class B
IntelliTouch	USB	Antiglare	C71685-000	UL, cUL, FCC, IC, CE, TÜV-GS, VCCI, C-Tick Class B

- Users should independently evaluate the suitability of the product for their application.
- All prices, models, and availability subject to change without notice.
- Stock quantities may be limited. Larger quantities are available within one week.
- For Product Agency Certifications refer to our Web site.

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Touchmonitors

3000 Series
19" LCD Touchmonitor

1.6

Detail Centering Lip
Scale 2.000

See Detail Centering Lip

8X threaded
M4 x 0.7,
7mm deep

100
75

434.1

360.6

301
(viewable
area)

308.6

135.3
147.8

100

75

376
(viewable area)

54.7*

*Noted dimensions are for non-touch,
AccuTouch, and IntelliTouch only.
For SecureTouch add 4 mm to dimension.

Touch
Serial/USB
connector

Remote
OSD
connector

Power
button

Video
analog
connection

Video
DVI-D
connector

Monitor power/
touch status
LED indicators

Power
connector

383.8

Option 1

384 −.3

Top

308.8 −.3

361.3

4X R5

252

Option 2

Top

252

437.5

**Option 3
Horizontal Side Mount**

M4 threaded, X4
use M4 screw with
max. depth of 12mm

286

26.8*

**Option 4
Vertical Side Mount**

M4 threaded, X4
use M4 screw with
max. depth of 12mm

286

26.8*

6X fl5   Horizontal mount

383

456

Vertical mount

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