42" Touch Screen Chassis Mount LCD

Chassis Mount LCD Specifications:

Model Name WCHW4200L1-TSAW Viewable Size Image 42"(16:9)

Active Display Area (mm) 930.25(H) x 523.01(V)
Pixel Pitch (mm) 0.227 x 0.681
Number of Pixels 1366x768

Contrast Ratio 550:1(typ.)
Display Color 16.7M(8bit/colors)

Brightness (cd/m) 500(typ)

Viewing Angle (CR>=10) -89~89(H); -89~89(V) Synchronization Range 31.5~75KHz/56~60Hz

Horizontal/Vertical
Recommended Resolution 1366x768@60Hz,75Hz

Signal Connector 15 pin D-sub

Power Source AC100~240V, Universal, ±10% Power Consumption 220W typical, normal operation Power Management VESA DPMS Compliant

Plug & Play VESA DDC 1/2B

Optional Video Input S-Video, Composite, DVI

Optional DVI Input Yes
Touch Screen SAW



Elo IntelliTouch Surface Wave (SAW) Touch Screen Specifications:

Input Method Finger or gloved hand (cloth, leather, or rubber) activation

ELECTRICAL

Positional Accuracy Standard deviation of error is less than 0.080 in. (2 mm)

Resolution Touchpoint density is based on controller resolution of 4096 x 4096, plus 255 levels corresponding to touch pressure

Touch Activation Force Typically 2 to 3 ounces (55 to 85 grams)

Controller Board: Serial (RS232) or USB 1.1

OPTICAL

Light Transmission Up to 90% per ASTM D1003-92 ENVIRONMENTAL

Temperature Operating: -20°C to 50°C Storage: -40°C to 71°C Relative Humidity Operating: 40°C at 90% RH, noncondensing

Altitude Operating: 10,000 ft (3,048 m)

Storage/transport: 50,000 ft (15,240 m)

Chemical Resistance The touch active area of the touchscreen is resistant to chemicals that do not affect glass, such as: acetone, toluene, methyl ethyl ketone, isopropyl alcohol, methyl alcohol, ethyl acetate, ammonia-based glass cleaners,

gasoline, kerosene, vinegar

Electrostatic Protection
Agency Approvals

Per EN 61000-4-2, 1995: Meets Level 4 (15 kV air/8 kV contact discharges)
UL, cUL, TÜV, CE, FCC Class A

Sealability Can be sealed to meet NEMA 3/3R/5/12/12K/13, IP64 standards

DURABILITY

Surface Durability

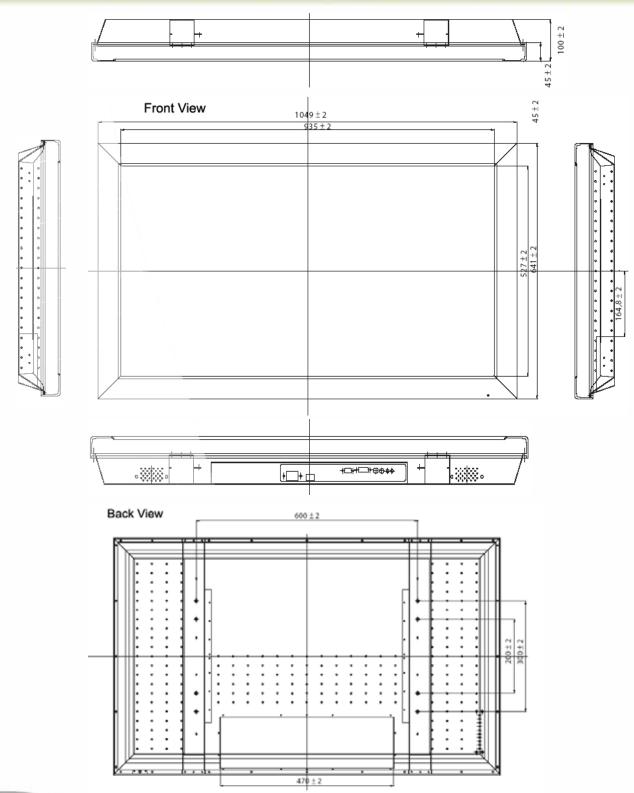
Surface durability is that of glass, Mohs' hardness rating of 7

Expected Life

No known wear-out mechanism, as there are no layers, coati

No known wear-out mechanism, as there are no layers, coatings, or moving parts. IntelliTouch technology has been operationally tested to more than 50 million touches in one location without failure, using a stylus similar to a finger.







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