

42" Touch Screen Chassis Mount LCD

Chassis Mount LCD Specifications:

Model Name	WCHH4200L1-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)	625(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



Outdoor readability:

Ambient light(nit)	Brightness measure Angle	10,000	30,000	80,000
Brightness gain(BL0n)(nit)	35°	625	750	1000
Reflectance(net)(%)		0.85%	0.7%	0.68%

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	Per EN 61000-4-2, 1995: Meets Level 4 (15 kV air/8 kV contact discharges)
Agency Approvals	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, 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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