

# Sunlight Readable LCD

## Specifications



Model Name	W37L100-CHA1TR
Viewable Size Image	37"(16:9)
Active Display Area(mm)	819.36(H)x460.89(V)
Pixel Pitch(mm)	0.42675X0.42675
Number of Pixels	1920x1080
Contrast Ratio	1200:1(typ.)
Display Color	16.7M(8bit/colors)
Brightness(cd/m <sup>2</sup> )	645* (typ.)
Viewing Angle(CR>=10)	-88~88(H); -88~88(V)
Synchronization Range	31.5~80KHz/60~75Hz
Horizontal/Vertical	
Recommended Resolution	1920x1080@60Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	165W typical,normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video/ Composite
Optional DVI Input	Yes
Optional Touch Screen	-
Optional protection glass(reflection rate<0.5%)	Optional
Operation Temperature	0°C~50°C

### Outdoor readability\*\*

Ambient light(nit)	Brightness measure Angle	15,000	30,000	80,000
Brightness gain(nit)	35°	650	770	1060
Reflectance(net)(%)		1.00	0.9	0.70

Remarks:W37L100 series= VGAInput only

W37L110 series=VGA+Video Input

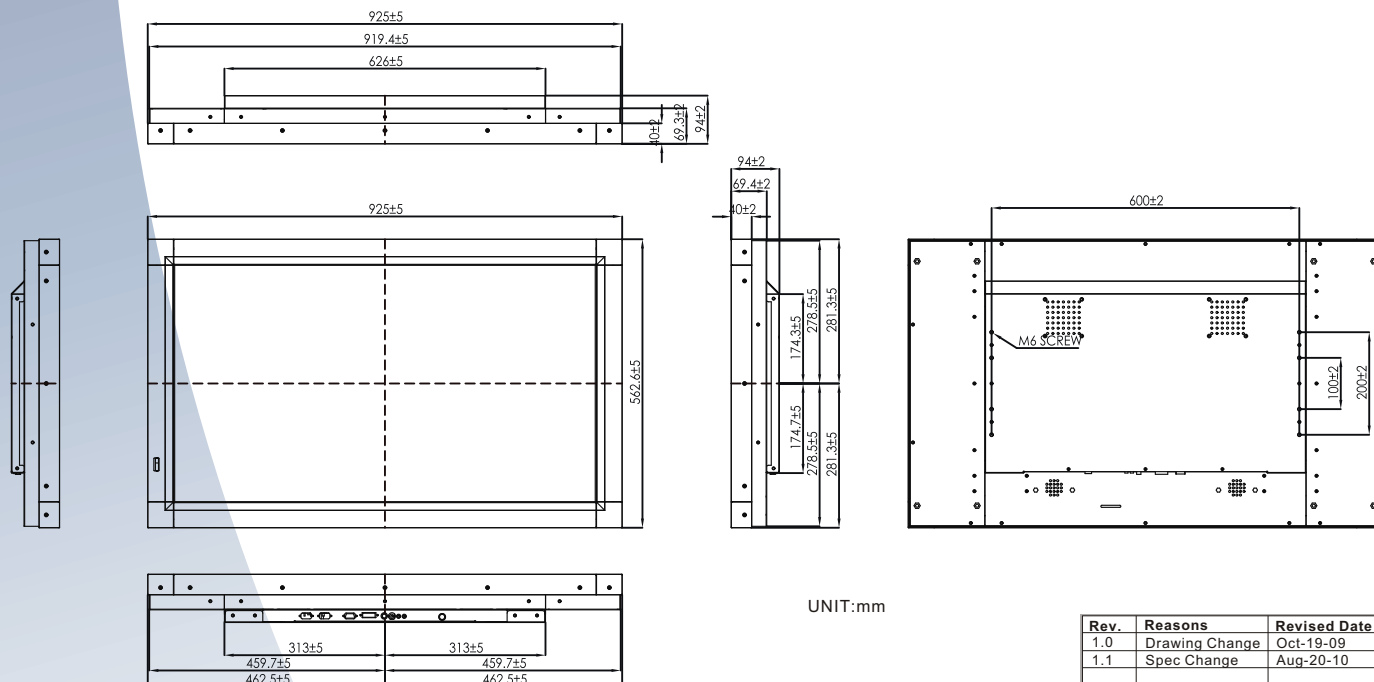
Specifications are subject to change without notice.

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Reflectance rate will change by LCD panel ITO glass design and coating ratio.

\* : Average brightness measured at center point under bright after enhancement.  
Actual number may deviate from this number due to original panel's brightness deviation.

\*\* : Expected brightness under different ambient environment.  
Simulated brightness number for reference.

## Mechanical Drawing



\* Note: this is a simplified drawing and some components are not marked in detail.  
Please contact our sales representative if you need further product information.