

# Sunlight Readable LCD

## Sunlight Readable LCD



37"

### Specifications

**RoHS**  
COMPLIANT  
2002/95/EC

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	10,000	30,000	80,000
Brightness gain(BLoff)(nit)	35°	688	820	1150
Reflectance(net)(%)		0.85	0.7	0.68

Remarks:W37L100 series= VGAInput only

W37L110 series=VGA+Video Input

Specifications are subject to change without notice.  
Reflectance rate will change by LCD panel ITO glass design and coating ratio.

### Mechanical Drawing

