

# Sunlight Readable LCD

## Sunlight Readable LCD



6.4"

### Specifications

Model Name	WOPH640P1
Viewable Size Image	6.4"
Active Display Area (mm)	129.6(H)x97.44(V)
Pixel Pitch (mm)	0.203(H)x0.203(V)
Number of Pixels	640x480
Contrast Ratio	120:1 (typ.)
Display Color	262144 (6bit/colors)
Brightness (cd/m <sup>2</sup> )	375
Viewing Angle (CR ≥ 10)	-55~55(H); -35~15(V)
Synchronization Range	31.5~37.9K Hz/60~75Hz
Horizontal/Vertical	
Recommended Resolution	640x480@ 60Hz
Signal Connector	15 pin D-Sub
Power Source	AC 100~240V, Universal, ±10%
Power Consumption	15W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Composite, DVI
Optional DVI Input	No
Optional Touch Screen	SAW
Optional protection glass (reflection rate < 0.5%)	UV glass / clear type glass

### Outdoor readability

Ambient light (nit)	Brightness measure Angle	10,000	30,000	80,000
Brightness gain (BL0n) (nit)	35°	375	565	1,000
Reflectance (net) (%)		1%	0.98%	0.95%

Remarks: WOPH640P1 series = VGA Input only

WOPH640P1 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

