



**2200nits  
Super Slim Bezel**

# Industrial LCD Displays

Super High Brightness 5.7mm Slim Bezel , 46" LCD monitor,  
1920 x 1080, 2200 nits, 3000:1 with VGA+DVI , 100~240V AC-in,  
Operating temp -10 to 50C, 210W Max

**Model: GOPW4600HB-SB**

## Features:

- 2200nits high brightness display.
- Super narrow bezel
- WUXGA (1920 x 1080 pixels) Full HD resolution
- RoHS Compliance
- Long operation life
- 5 keys OSD controls (option for RS232 control)
- VGA and DVI Video Input and auto detection video system.
- Quick and easy integrations for Client solutions
- Free portrait / landscape applications
- Special chassis design for TV wall matrix
- (option) Built-in light sensor for auto dimming control

## Specifications:

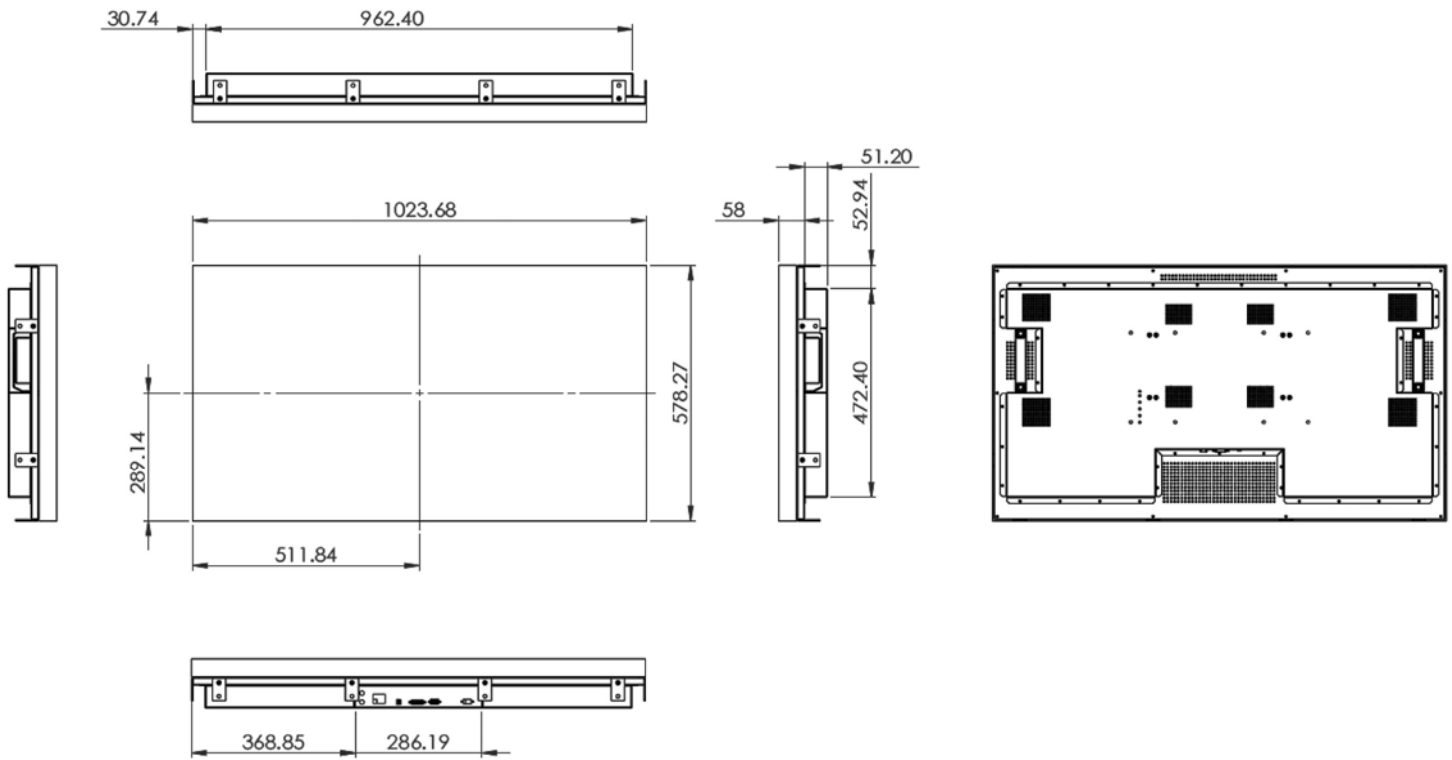
The following items are characteristic summary on the table at 25°C condition

	Item	Specification	Unit	Note
LCD panel	Active screen size	1018.08(H) x 572.67(V) <b>(46 inches diagonal)</b>	mm	
	Resolution	<b>1920 (H) x 1080(V)</b>	pixels	
	Pixels pitch	<b>0.53025(H) x 0.53025(V)</b>	mm	
	Pixel arrangement	<b>RGB vertical stripe</b>		
	Display mode	<b>MVA mode, normally black</b>		
	Display colors	<b>1073.7 M (10 bits)</b>	colors	
	Brightness	<b>2200</b>	nits	
	Contrast Ratio	<b>3000 : 1</b>		
	Response time	<b>6.5 ms (G to G)</b>		
	Aspect Ration	<b>16 : 9</b>		
Graphic	Input Connector	<b>D-Sub 15 pins, DVI</b>		
Power	Power Input	<b>100~240 Vac</b>	Vac	
Power consumption	Operation Mode	<b>210 (TBD)</b>	W	
	Saving Mode	<b>3.5 (max)</b>	W	
Physical	Dimension	<b>1023.7(H) x 578.3(V) x TBD (D)</b>	mm	
	Weight		KG	
Environment	Operating Temperature	<b>-10 ~ 50</b>	°C	1
	Storage Temperature	<b>-20 ~ 60</b>	°c	2
Reliability	Backlight MTBF	<b>50,000</b>	hours	
	Warranty	<b>12</b>	month	
	ON / OFF cycle	<b>36,000</b>	cycle	
DCC	Plug & Play	<b>DDC 2B Compliance</b>		
Function	OSD key	<b>5 keys(Power ,Enter , ▲ , Y ,Menu)</b>		
	RS232 remote control	<b>(Option)</b>		
	Wall mount	<b>VESA standard 200x200; 200x400</b>	mm	

Note 1: optional: -20°C or lower operation temperature design

Note 2: The unit should not be exposed to corrosive chemicals.

## Mechanical Drawings:



## Pictures:



RS232, VGA, DVI, AC power, Light sensor



5.7mm super slim bezel



Special open frame chassis design  
for TV wall matrix