

High Brightness Chassis mount 65" LCD monitor, 1920 x 1080, 2500nits, 4000:1 with VGA+DVI+HDMI, 100~240V AC-in, Operating temp -10 to 50°C

**MODEL: GCHW6500HB**

## OVERVIEW

GCH Series is a Chassis monitor designed for commercial and industrial applications at outdoors and indoors. Such as kiosks, digital signage, military, security, industrial equipment and instrumentation equipment. This product can provide high brightness / contrast to achieve better viewing effect and good reliability at wide environments conditions.

## FEATURES HIGHLIGHTS:



- Metal Chassis/Housing for higher Impact protection. (Optional for Front AR Glass or Vandal Resistant glass)
- Built-in speaker built-in speakers that allow the convenience Audio output.
- Side OSD buttons can prevent unnecessary setting changes.
- Above 24" LCD will include Front IR Sensor and Remote controller.
- Auto Video Signal ON / OFF
- Auto Always Power On



- Ultra low speed/Noise fan for extra cooling (24" LCD or above)
- VESA Mounting Hole Pattern
- Reliable built-in Power supply for 15" or above (Optional for 9-36V DC input)
- Standard VGA Input (Optional for DVI, HDMI, AV, BNC, AV looping and SDI)
- Optional for RS232 Remote Control Protocol: Command Code to set system

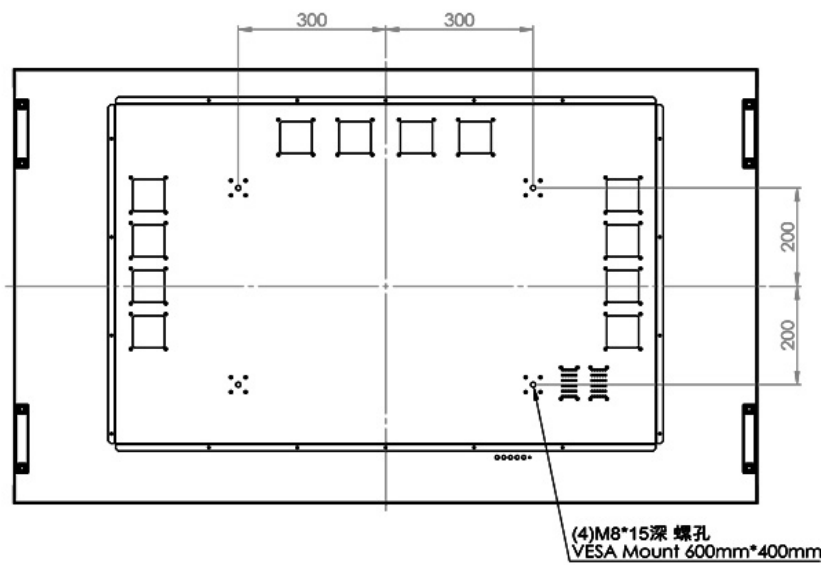
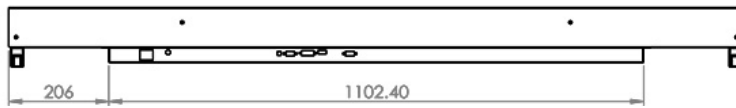
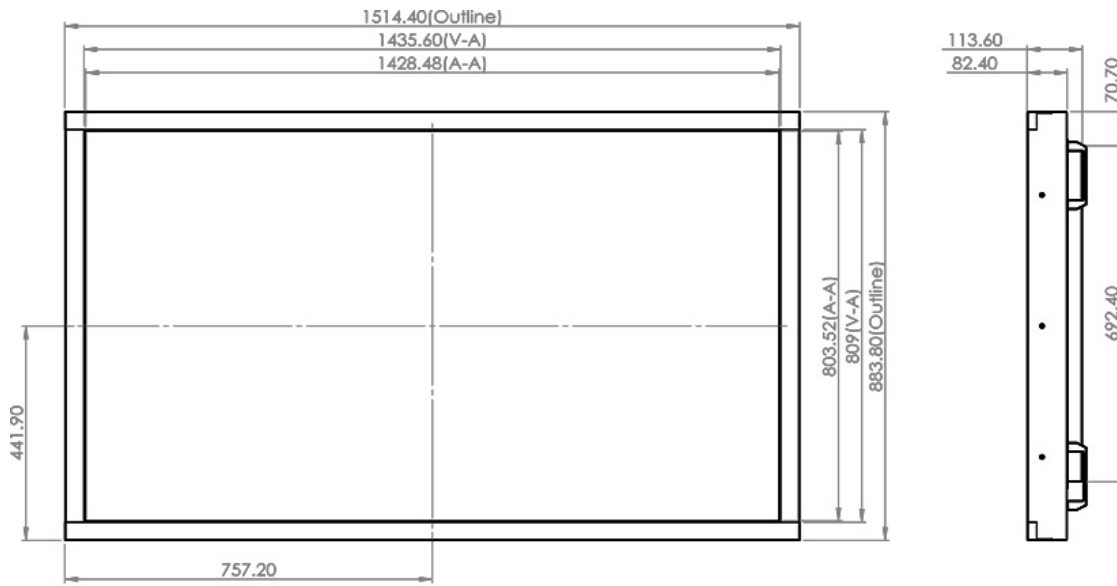
## FEATURES:

- 2500 nits high brightness display. With LED backlight applied
- WUXGA (1920 x 1080 pixels) Full HD resolution
- RoHS Compliance
- Long operation life
- 5 keys OSD controls
- VGA / DVI / HDMI Video Input and auto detection video system
- RS232 remote control
- Quick and easy integrations for Client solutions

## SPECIFICATIONS:

	Item	Specification	Unit
LCD panel	Active screen size	1428.48 (H) x 803.52 (V) (64.53 inches diagonal)	mm
	Resolution	1920 (H) x 1080(V)	pixels
	Pixels pitch	0.744(H) x 0.744(V)	mm
	Pixel arrangement	RGB vertical stripe	
	Display mode	MVA mode, normally black	
	Display colors	16.7 M	colors
	Brightness	2500	nits
	Contrast Ratio	3000 : 1	
	Response time	8 ms (G to G)	
	Aspect Ration	16 : 9	
	Surface treatment	Anti-Glare, 3H	
Graphic	Input Connector	D-Sub 15 pins, DVI, HDMI	
Power	Power Input	100~240 AC	Vac
Power consumption	Operation Mode	900 (TBD)	W
	Saving Mode	3.5 (max)	W
Physical	Dimension	Reference to drawing	mm
	Weight	65	KG
Environment	Operating Temperature	-10 ~ 50	°C
	Storage Temperature	-20 ~ 60	°C
Reliability	Backlight MTBF	50,000	hours
	Warranty	12	month
	ON / OFF cycle	36,000	cycle
DCC	Plug & Play	DDC 2B Compliance	
Protection	3 mm cover glass	Option	
Function	OSD key	5 keys(Power ,Enter ,▲ ,T ,Menu)	
	Wall mount	VESA standard 400x600	mm

MECHANICAL DRAWING:

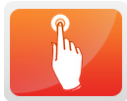


## LCD OPTIONS:



### LED Backlight Options

Introducing LED backlight options for monitors for energy efficiency and a brighter screen.



### TouchScreen Options

Our LCD has a wide selection option to choose which touchscreen technology suits for you.

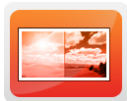
	Four-Wire Resistive	Five-Wire Resistive	Pen Touch	Capacitive	Surface Wave(Saw)	Infrared Touch (Ir)
PRODUCT SIZE	1.7" - 24"	10.4" - 24"	15" - 19"	12" - 24"	10.4" - 30"	10.4" - 42"
TOUCH LIFE	1 - 2 million touches	30 - 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
SCRATCH RESISTANCE	Hard Coated	Hard Coated	Hard Coated (SiO <sup>2</sup> )	Hard Coated (SiO <sup>2</sup> )	Glass Overlay Moh's hardness rating of 7	Glass Overlay Moh's hardness rating of 7
CONTAMINANT RESISTANCE	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers
INPUT METHOD	Finger, Gloved Hand, Stylus	Finger, Gloved Hand, Stylus	Stylus Pen	Finger	Finger, Gloved Hand, Soft pliable stylus	Finger, Gloved Hand, Stylus
CONTROLLER	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232



### VIDEO Input Options:

For Video inputs options:

DVI, DVI+HDMI, SVideo+AV, SVideo+AV+DVI, AV+Looping, DVI+AV+Looping, HD-SDI, BNC(PAL/NTSC)



### Optical Bonding Options

- Optical Bonding provides the best reduction of ambient light washout of any commercially available enhancement technology.
- Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock and other environmental extremes.



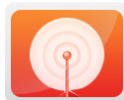
### RS-232 Remote Control Options

**Remote Control Protocol: Command Code to set system**



### 9-36V DC Input Options

iTech offers a selection of DC input from 9V to 36V



### Light Sensor and Motion Sensor Options

iTech LCD offers Light and Motion Sensor

### Privacy Filter

Front Glass Options:

- Anti Reflective AR Glass 3mm
- Anti Reflective AR Glass 6mm Vandal-Resistance
- Anti Reflective AR Glass 8mm Vandal-Resistance
- Anti Glare AG Glass 3mm