

Industrial High Brightness Chassis Mount LCD



23.8" 2000nits Outdoor Monitor, I/O: VGA/DVI/HDMI
 Power: 100~240VAC in, metal chassis with IP55 chassis design, 3mm tempered glass
 Accessory: AC power cable (US plug type) x1 IR sensor cable with remote controller x1 (w/o battery) + IP68 grade water proof external fan set for series monitor

MODEL: GCH2380HB-IP

FEATURES:

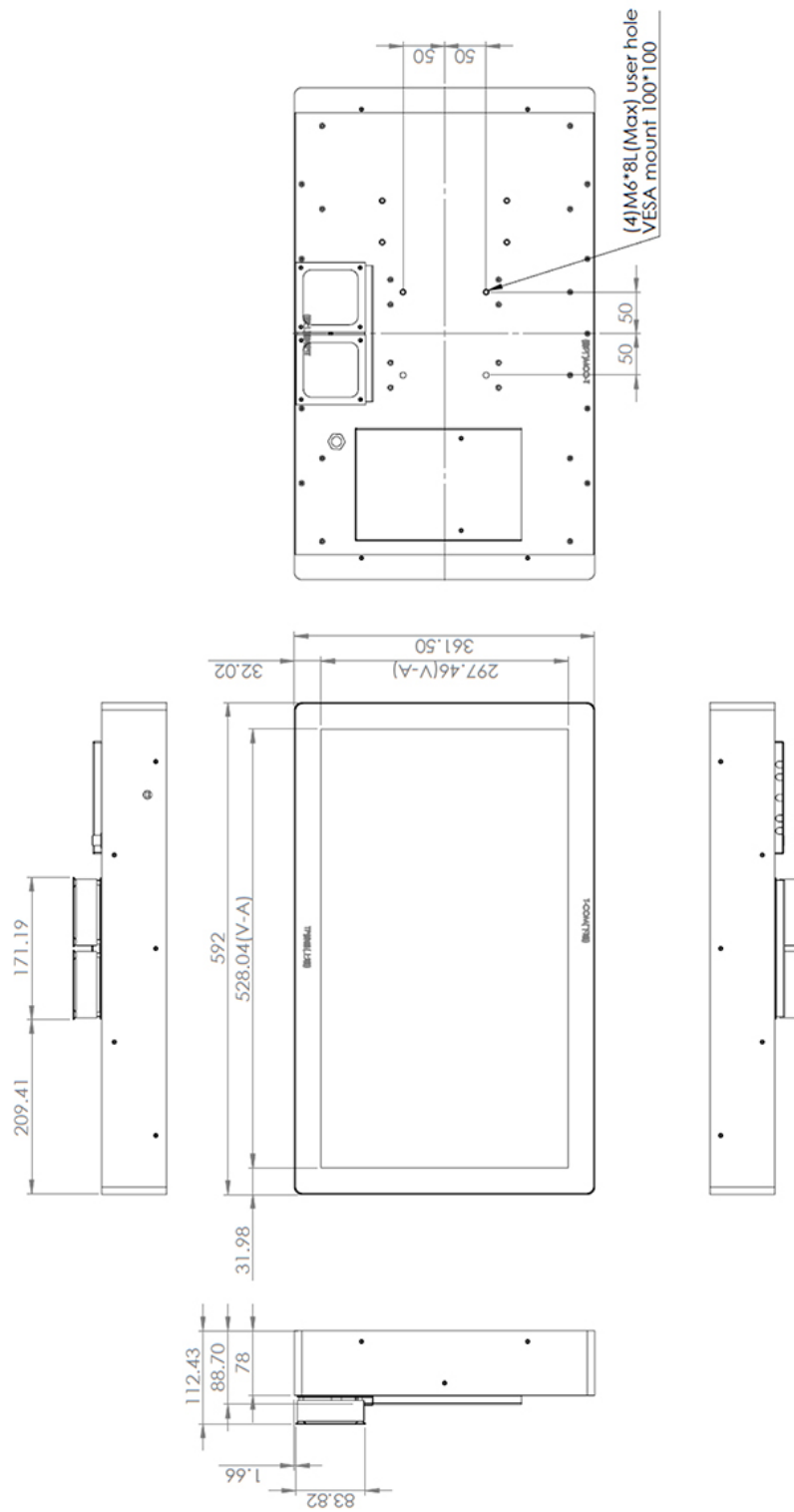
- 24" LCD support full HD 1080P with 2000 nits high brightness
- IP65 chassis for outdoor application
- Video signal IO: VGA / HDMI / DVI
- 5mm anti-vandal cover glass
- Auto brightness control
- Special system design for direct sunlight

SPECIFICATIONS:

FUNCTION	ITEMS	DESCRIPTION	REMARK	
Display	Display area (mm)	527.0 (H) x 296.5 (V)	(23.8" diagonal)	
	Brightness (nits)	2000	LCD panel surface	
	Optimum resolution	1920x 1080		
	Contrast Ratio	3000:1		
	View angle	178/178 degree in all direction		
	Backlight Life	50,000 hours (min)		
System	Video input	VGA / HDMI / DVI		
	Video output	NA		
	Audio	Built-in	NA	
		Extend	NA	
	Memory	NA	Option for embedded	
	Storage	NA		
	Ethernet	NA		
Wireless	NA			
Cover glass	Type	NA		
	Protection glass	2.8 mm tempered glass		
	Support OS	NA		
Special Control	Manual	IR remote control by extend cable	Remove after installation	
	OSD	NA		
	RS232	(Option)		
	Display feedback	(Option)		
Power	Power Input voltage	AC 100~240 V		
	Consumption(W)	TBD		
Mechanical	Outline (mm)	593.6 x 363.0 x 76 (D)	126 (D) with extended fan set	
	Mounting	100x100 / 100x200 (mm) VESA		
	Weight	TBD		
Environment	Operating temp.	-30~45 °C	Auto-temperature sensing	
	Storage temperature	-30~55 °C		
	IP protection	65		
	Anti-vandal	Yes		
	Auto brightness	Yes		
	Direct sunlight	Yes		
Certification	CE / FCC			

MECHANICAL DRAWING:

Dimension (mm): preliminary



with extended fan set (Removable)

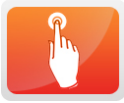
Note: Extend fan set is necessary during the monitor is installed under direct sunlight

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 ₂)	Hard Coated (SiO ₂)	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:

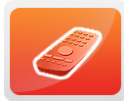
For Video inputs options:

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.



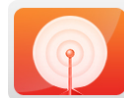
RS-232 Remote Control Options

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