

# Industrial High Brightness Close Frame Monitor



42.5" Multi-Point IR Touch Monitor with 1500nits Brightness LCD applied, 1920x1080resolution, I/O: VGA/DVI/HDMI,USB(TP), RS232(OSD control), power:100~240V AC-in, metal chassis with rear VESA mount, auto brightness control accessories: VGA cable x1, light sensor cable x1, USB cable x1

**MODEL: GCHW4200HBV2-IR**

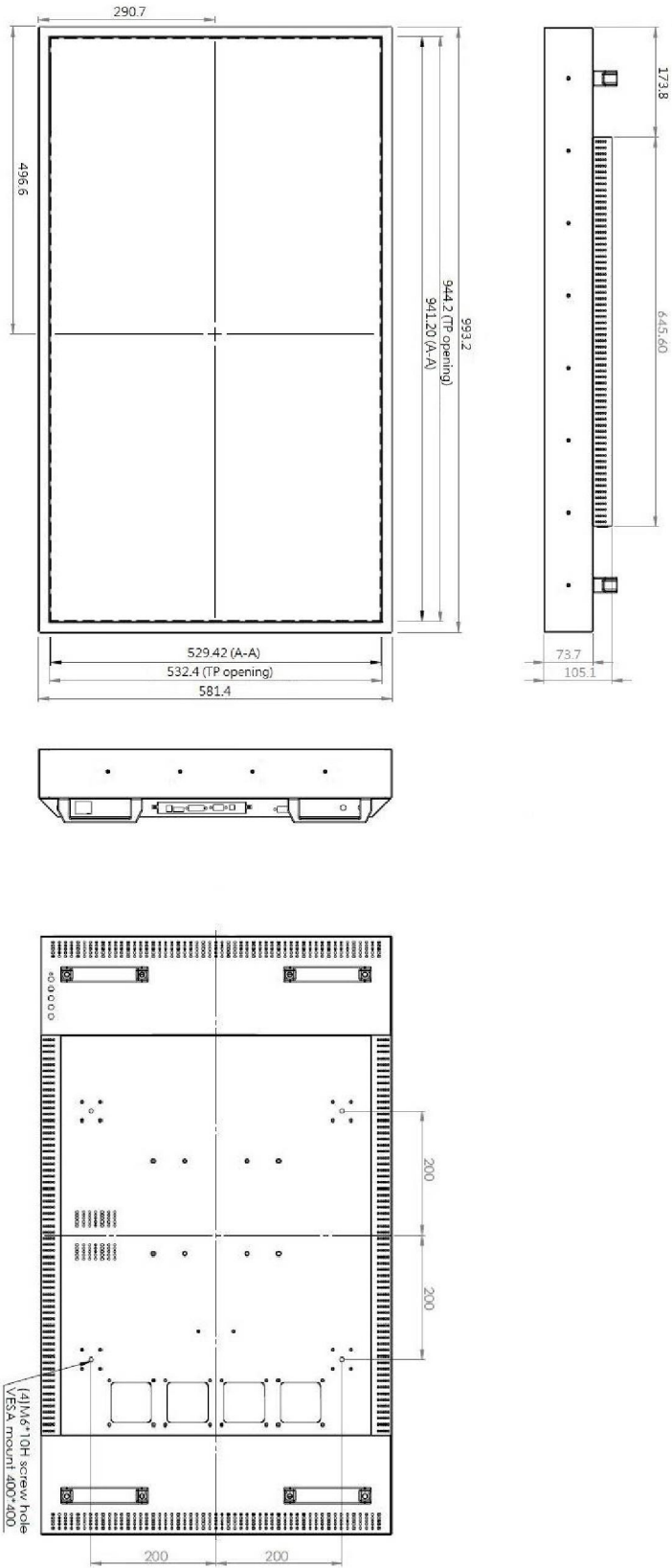
## FEATURES:

- 42.5" LCD support Full-HD 1920x1080 resolution
- IPS extra wide 178/178 view angle
- Video signal IO: VGA / DVI / HDMI
- High reliability for 24/7 operation
- Front IK9 and industrial grade black painted metal chassis
- Auto brightness control and RS232 control port

## SPECIFICATIONS:

Function	Items	Description	Remark	
<b>Display</b>	Display area (mm)	941.184 (H) x 529.416 (V)	42.5" 16:9 diagonal	
	Brightness (nits)	1500		
	Optimum resolution	1920 x 1080	FHD	
	Contrast Ratio	1100:1		
	View angle (H/V)	178/ 178 degree	All direction	
	Backlight Life	50,000 hours (typ.)		
<b>System</b>	Video input	VGA / DVI / HDMI		
	Video output	NA		
	Audio	Built-in	YES	
		Extend	NA	
	Memory	NA		
	Storage	NA		
	Ethernet	NA		
	Wireless	NA		
<b>Touch panel</b>	Type	IR Touch	Multi-point	
	Protection glass	Yes	6 mm	
	Support OS	Windows/ Linux/ Android		
<b>Special Control</b>	Manual	(Option)		
	OSD	5 keys at back side		
	RS232	YES		
	Display feedback	NA		
<b>Power</b>	Power Input voltage	AC 100~240V		
	Consumption(W)	230 (typ.)		
<b>Mechanical</b>	Outline (mm)	993.2 x 581.4 x 105.1 (D)	Handles excluded	
	Mounting	400x400 (mm) VESA		
	Others	NA		
<b>Environment</b>	Operating temp.	-10~45 °C		
	Storage temperature	-10~55 °C		
	IP protection	NA		
	Anti-vandal	IK9	6mm tempered glass At front side	
	Auto brightness	YES	By extension cable	
	Outdoor visibility enhance	(Option)		
	Direct sunlight	(Option)		
	Certification	CE / FCC		

# 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)
<b>PRODUCT SIZE</b>	1.7" - 24"	10.4" - 24"	15" - 19"	12" - 24"	10.4" - 30"	10.4" - 42"
<b>TOUCH LIFE</b>	1 - 2 million touches	30 - 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
<b>SCRATCH RESISTANCE</b>	Hard Coated	Hard Coated	Hard Coated (SiO <sub>2</sub> )	Hard Coated (SiO <sub>2</sub> )	Glass Overlay Moh's hardness rating of 7	Glass Overlay Moh's hardness rating of 7
<b>CONTAMINANT RESISTANCE</b>	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
<b>INPUT METHOD</b>	Finger, Gloved Hand, Stylus	Finger, Gloved Hand, Stylus	Stylus Pen	Finger	Finger, Gloved Hand, Soft pliable stylus	Finger, Gloved Hand, Stylus
<b>CONTROLLER</b>	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232



### VIDEO Input Options:

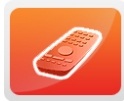
For Video inputs options:

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.



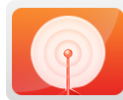
### RS-232 Remote Control Options

**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