Industrial SUPER High Brightness Chassis Mount LCD

42.5" Monitor with 2200nits(typ.)Brightness, 1920x1080 Resolution
I/O:VGA, DVI, HDMI, power: 100~240V AC-in, 5.9mm super slim bezel design, blackpainted metal chassis with front bracketaccessaries: VGA cable x1, AC powercable x1

MODEL: GCHW4250HB2V2

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 speak 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)

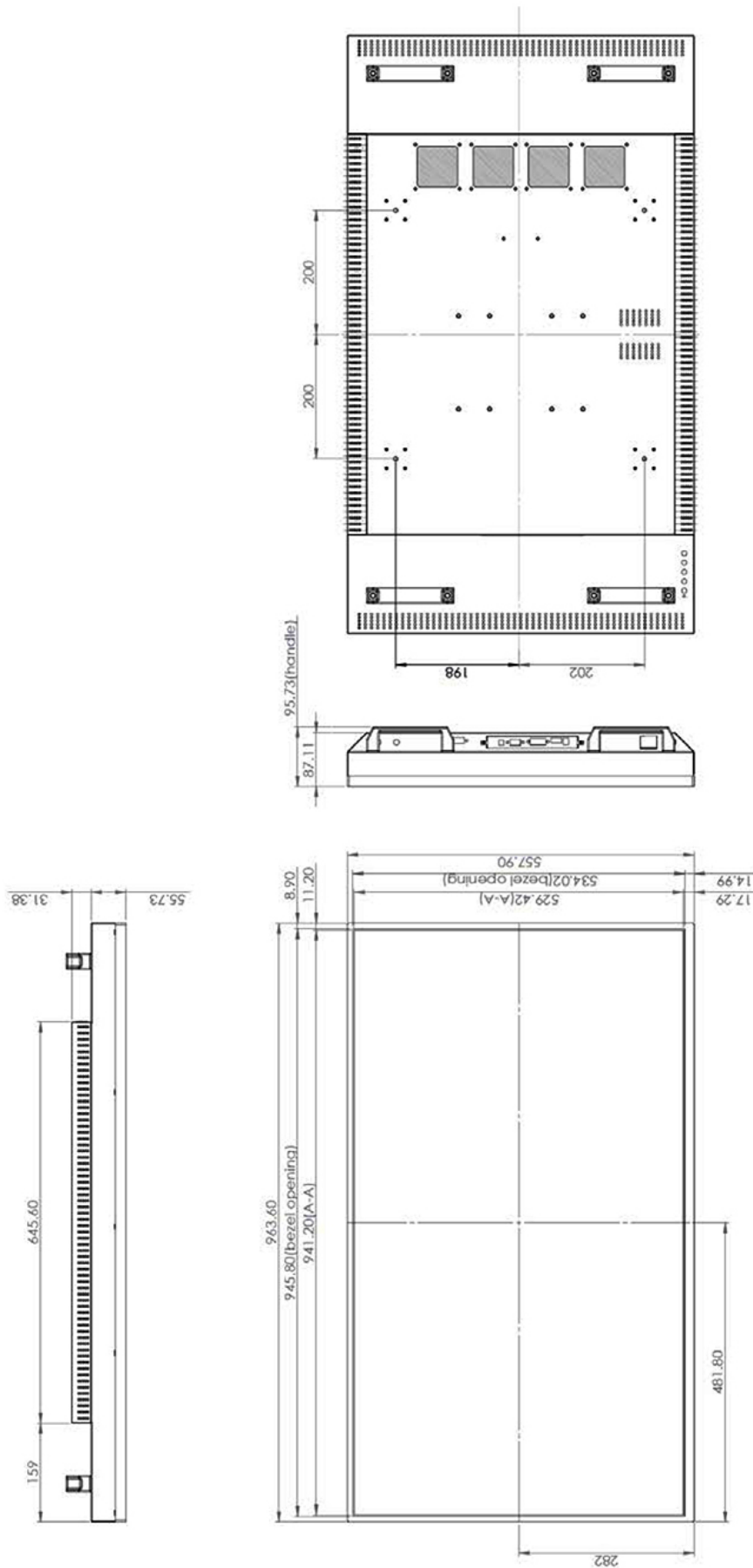**Optional for RS232 Remote Control Protocol: Command Code to set system**

FEATURES:

- *43" LCD support Full-HD resolution*
- *IPS extra wide view angle TFT*
- *1500nits high brightness*
- *Video signal IO: VGA / DVI / HDMI*
- *High reliability for 24/7 operation*
- *(Option) Built-in speaker / auto brightness control*

SPECIFICATIONS:

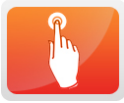| FUNCTION	ITEMS		DESCRIPTION	REMARK
Display	Display area (mm)		941.184 (H) x 529.416 (V)	42.5" 16:9 diagonal
	Brightness (nits)		400 / 700 /1500 / 2200	
	Optimum resolution		1920 x 1080	IPS cell
	Contrast Ratio		1100:1	
	View angle (H/V)		178 /178 degree	All direction
	Backlight Life		50,000 hours (typ.)	
System	Video input		VGA / DVI / HDMI	
	Video output		NA	
	Audio output	Built-in	Yes	
		Extend	(Option)	
	Memory		NA	
	Storage		NA	
	Ethernet		NA	
	Wireless		NA	
Touch panel	Type		NA	
	Protection glass		NA	
	Support OS		NA	
Special Control	Manual		(Option)	
	OSD		5 keys at back side	
	RS232		(Option)	
	Display feedback		NA	
Power	Power Input voltage		AC 100~240V	
	Consumption(W)		65 / 110 / 230 / 350 (typ)	400 / 700 /1500 / 2200 nits
Mechanical	Outline (mm)		963.6 x 557.9 x 87.1 (D)	
	Mounting		400x400 (mm) VESA	(Option)
	Others		NA	
Environment	Operating temp.		0~45 °C	
	Storage temperature		-10~55 °C	
	IP protection		NA	
	Anti-vandal		(TBD)	
	Auto brightness		(Option)	High brightness model
	Outdoor visibility enhance		(Option)	High brightness model
	Direct sunlight		NA	
	Certification		CE / FCC	

MECHANICAL DRAWING:

Dimension (mm): preliminary,

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.

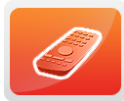|	Four-Wire Resistive	Five-Wire Resistive	Pen Touch	Capacitive	Surface Wave(Saw)	Infrared Touch (Ir)
PRODUCT SIZE	1.7" - 24"	10.4" - 24"	15" – 19"	12" - 24"	10.4" - 30"	10.4" - 42"
TOUCH LIFE	1 – 2 million touches	30 – 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
SCRATCH RESISTANCE	Hard Coated	Hard Coated	Hard Coated (SiO²)	Hard Coated (SiO²)	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.
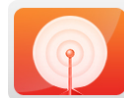
RS-232 Remote Control Options
Remote Control Protocol: Command Code to set system

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