

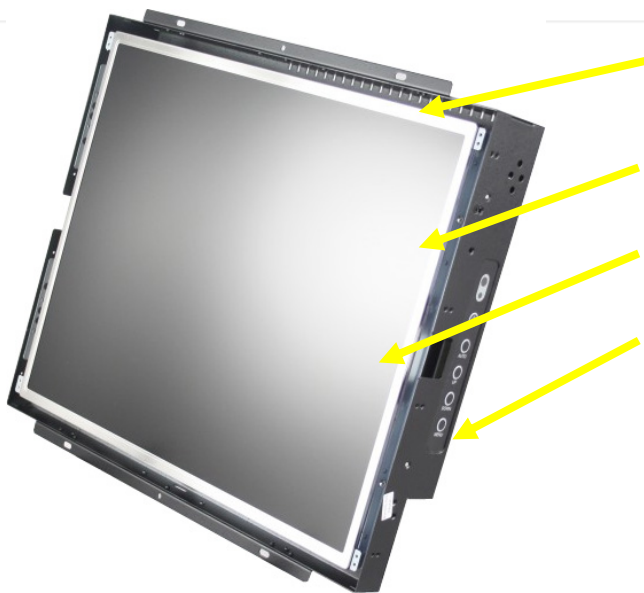
Model: GOPW0700

High Brightness Open frame, Wide 7" LCD monitor, 800 x 480, 1000nits, 1000:1 with VGA input, 100~240V AC-in

**High
Brightness
1000nits**

7" Open frame monitor is designed for commercial and industrial applications at outdoors, 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 harsh environments.

Features highlights:



Easy to Mount Open Frame, metal chassis
(top & bottom flanges)

Optional for Resistive/ Capacitive/ SAW/ IR/ Projective
Capacitive Touch screen

Auto Video Signal ON / OFF
Auto Always Power On

Side OSD buttons can prevent unnecessary setting
changes.



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:

- LED backlight
- 1000 nits sunlight readable display.
- Wide-VGA (800x480 pixels) resolution
- RoHS Compliance - 5 keys OSD controls
- VGA video Input and auto detection video system.
- Quick and easy integrations for Client solutions

Specification:

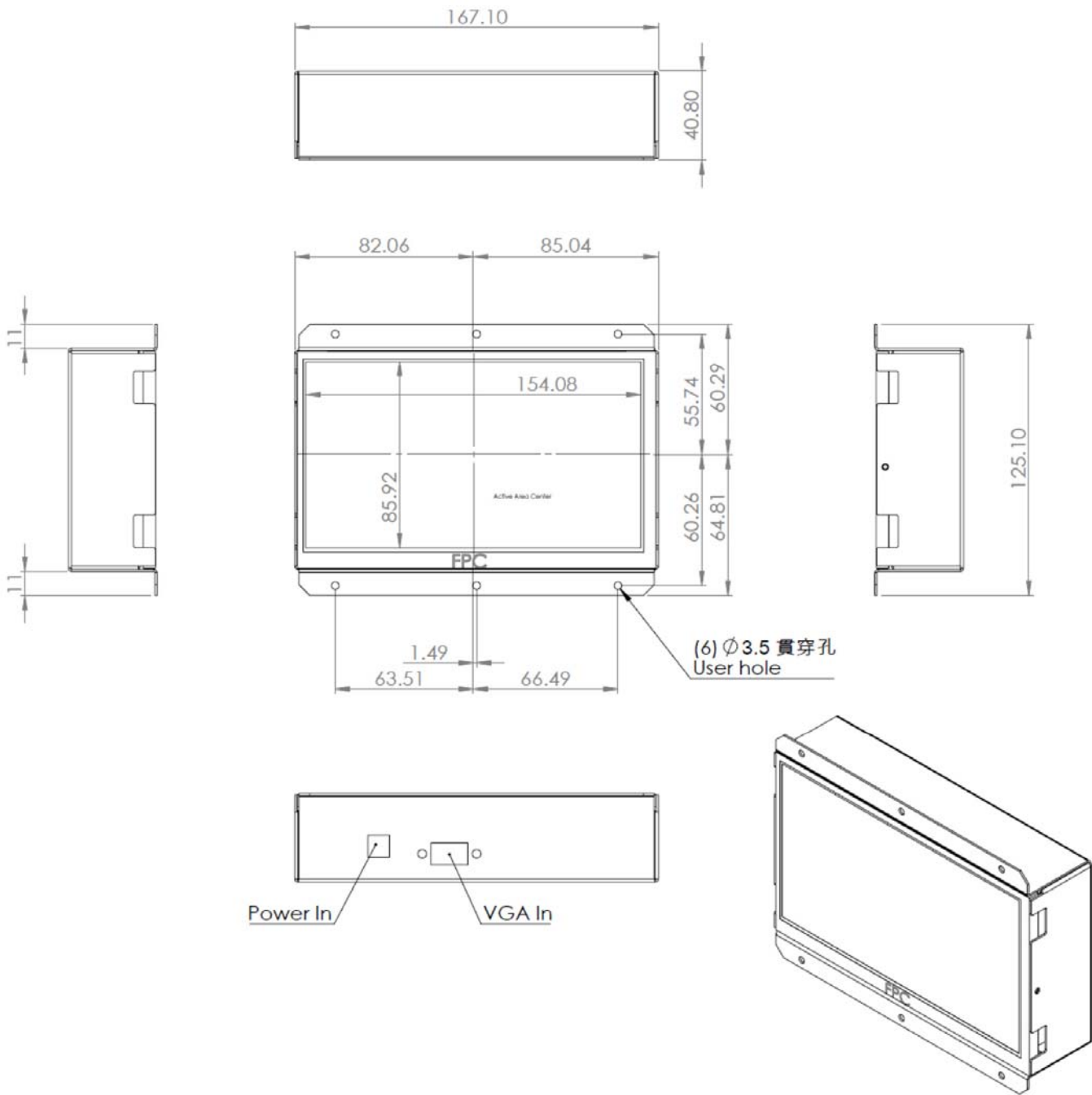
	Item	Specification	Unit	Note
LCD panel	Active screen size	154.08(H) x 85.92(V) (7 inches)	mm	
	Resolution	800 (H) x 480(V)	pixels	
	Pixels pitch	0.179(H) x 0.179(V)	mm	
	Pixel arrangement	RGB vertical stripe		
	Display mode	TN mode, normally white		
	Display colors	RGB 8-bit (16.7 M)	colors	
	Brightness	1000	nits	1
	Contrast Ratio	500 : 1		
	Response time	25 ms		
Aspect Ration	16 : 9			
Graphic	Input Connector	D-Sub 15 pins		
Power	Power Input	12 V	Vdc	
Power consumption	Operation Mode	7.0 (max)	W	
	Saving Mode	1.5 (max)	W	
Physical	Dimension	Reference to drawing	mm	
	Weight		KG	
Environment	Operating Temperature	-20 ~ 70	°C	2
	Storage Temperature	-20 ~ 75	°C	3
Reliability	Backlight MTBF	40,000	hours	
	Warranty	TBD	years	
	ON / OFF cycle	36,000	cycle	
DCC	Plug & Play	DDC 2B Compliance		
Function	OSD key	5 keys(Power ,Enter , A , Y ,Menu)		
	Wall mount	NA	mm	

Note 1: There are ~10% brightness reduced after touch panel glass

Note 2: The relative humidity must not exceed 90% non-condensing at temperature of 40 °C or less.
At temperature greater than 40 °C, the wet bulb temperature must not exceed 39%.

Note 3: The unit should not be exposed to corrosive chemicals.

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.

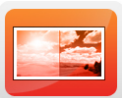
	Four-Wire Resistive	Five-Wire Resistive	Pen Touch	Capacitive	Surface Wave(Saw)	Infrared Touch (Ir)
PRODUCT SIZE	1.7" - 24"	10.4" - 24"	15" - 19"	12" - 24"	10.4" - 30"	10.4" - 42"
TOUCH LIFE	1 - 2 million touches	30 - 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
SCRATCH RESISTANCE	Hard Coated	Hard Coated	Hard Coated (SiO 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



i-Tech Company LLC

TOLL FREE: (888) 483-2418 • EMAIL: info@itechlcd.com • WEB: www.iTechLCD.com