

# OP-104

## 10.4" Open Frame TFT LCD Industrial Touch Display



### Features:

- ▣ 10.4" Color active matrix LCD Module
- ▣ XGA 1024X768 Native mode
- ▣ Wall mount Vesa screw holes 75X75 mm
- ▣ Build 5wire Resistive Touch Screen
- ▣ Project Capacitive Multi-Touch Screen Options
- ▣ VGA+DVI+HDMI Input Options
- ▣ USB , RS-232 Touch Interface Options
- ▣ Customized By User's Request

### Specifications

Part Number	OP-104E	
<b>Display Specifications</b>	LCD Display	10.4" Color active matrix LCD Module
	Pixels H x V (Max Resolutions)	XGA (1024 X 768) (native mode)
	Active Area	211.2 (H) x 158.4 (V) (10.4" diagonal)
	Support Color	262K(6-bit) / 16.7M(8-bit) colors
	Pixel Pitch	0.2063 (H) x 0.2063 (V) mm
	Luminance	350 cd/m <sup>2</sup>
	Contrast Ratio	900 : 1 (Typical )
	Scan frequency	Horizontal: 30 to80 KHz / Vertical : 50 to 75 Hz
	Viewing Angle	150°/150° (H/V)
	Response Time	16ms (Typ)
	Input Signal	R/G/B Analog
	Signal type	15 Pin D-sub VGA only
	Plug & Play	DDC 2B
	OSD Controls/Button	Power, Auto, Menu / Enter, Up, Down
	Power Consumption	30W( Max.) /Standby under 4W
	Power Management	VESA DPMS
	Power Supply	Input : DC 12V/3.0A
Signal Options	VGA + DVI + HDMI Input	
Touch Screen Options	5W Resistive Antiglare / Project Capacitive	
<b>Mechanical Specifications</b>	Construction	Metal
	Housing Options	Metal , Stainless Steel
	Front Bezel	Options
	Dimensions	256 (W) X 215.5 (H) x 51 (D) (mm)
	Mounting Options	Rear Mount, Wall Mount
	Weight	3 KG
<b>Environmental Specifications</b>	Operating Temperature	-10°C~50°C
	Storage Temp.	-20°C~70°C
	Relative Humidity	Less than 85%
	RoHS Compliance	RoHS Compliance

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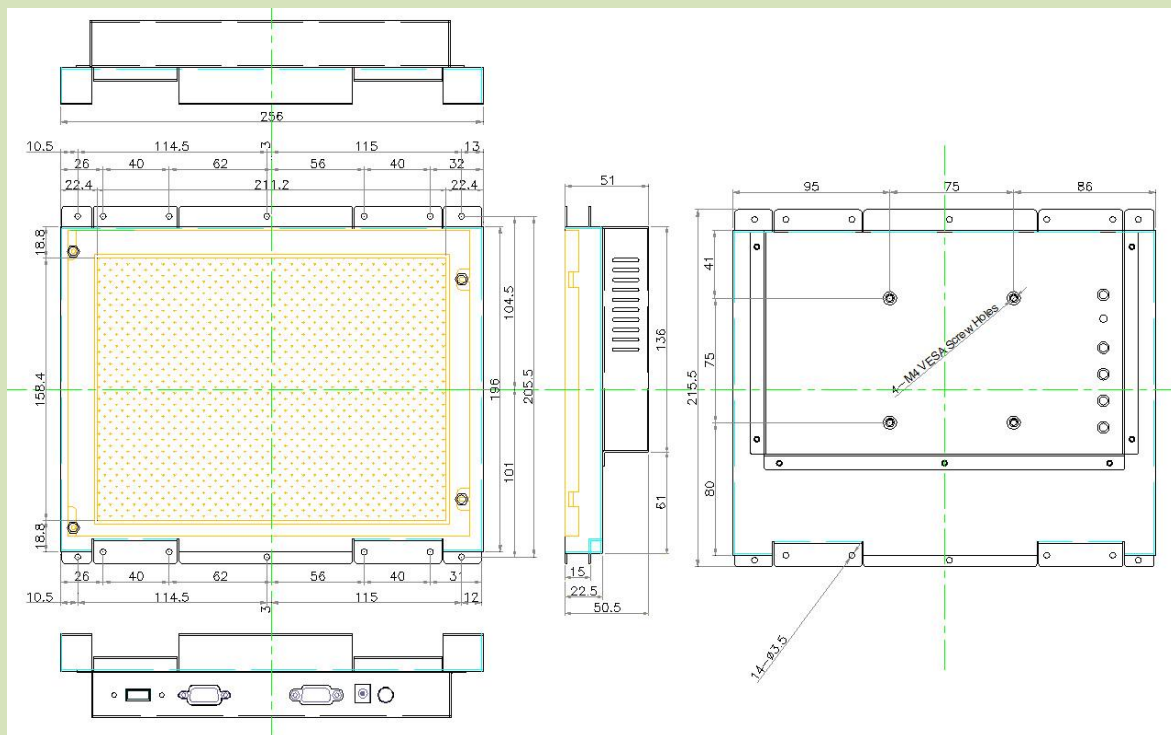
## Ordering Information

Part No.	Description
OP-104EU	10.4" /VGA /5-wire resistive /USB
OP-104ER	10.4" /VGA /5-wire resistive /RS-232
OP -104EPU	10.4" /VGA /Project capacitive /USB
OP -104EPR	10.4" /VGA /Project capacitive /RS-232

## Optional Accessories

Part No.	Description
CLSMG02	VGA Cable 3M
CLCOM01	RS-232 Cable 3M
HG001T	Stand kits for RA-series
WM005	Wall mount Bracket
OP1041	Front Bezel / Black
OP1042	Front Bezel / White

## Dimensions:



## I/O Appearance:

