

# OP-104FE

## 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 or VGA+HDMI Input Options
- USB , RS-232 Touch Interface Options
- Customized By User's Request

### Specifications

| Part Number                         | OP-104FE                                       |  |
|-------------------------------------|--|--|
| <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 x 0.2063 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                                  | 16 ms (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 or VGA+Video+S-Video or VGA+HDMI Input |  |
| Touch Screen Options                | 5W Resistive Antiglare / Project Capacitive    |  |
| <b>Mechanical Specifications</b>    | Construction                                   | Metal  |
|                                     | Housing Options                                | Metal , Stainless Steel                          |
|                                     | Front Bezel                                    | Yes  |
|                                     | Dimensions                                     | 320 (W) X 230 (H) x 52 (D) (mm)                  |
|                                     | Mounting Options                               | Rear Mount, Wall Mount                           |
|                                     | Weight   | 3.8 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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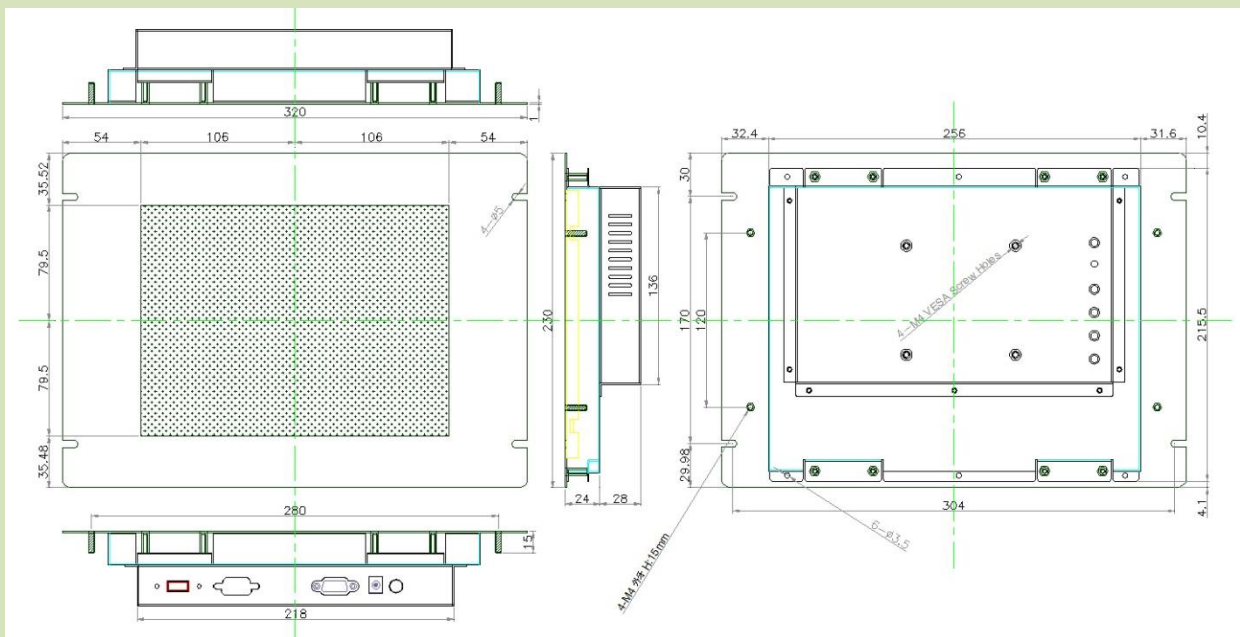
## Ordering Information

| Part No.    | Description  |
|-------------|--|
| OP-104FU    | 10.4" /VGA / Front Bezel /5-wire resistive /USB /White       |
| OP-104FR    | 10.4" /VGA / Front Bezel /5-wire resistive /RS-232 /White    |
| OP-104FBU   | 10.4" /VGA / Front Bezel /5-wire resistive /USB / Black      |
| OP-104FBR   | 10.4" /VGA / Front Bezel /5-wire resistive /RS-232 / Black   |
| OP -104FPU  | 10.4" /VGA / Front Bezel /Project capacitive /USB /White     |
| OP -104FPR  | 10.4" /VGA / Front Bezel /Project capacitive /RS-232/White   |
| OP -104FBPU | 10.4" /VGA / Front Bezel /Project capacitive /USB / Black    |
| OP -104FBPR | 10.4" /VGA / Front Bezel /Project capacitive /RS-232 / Black |

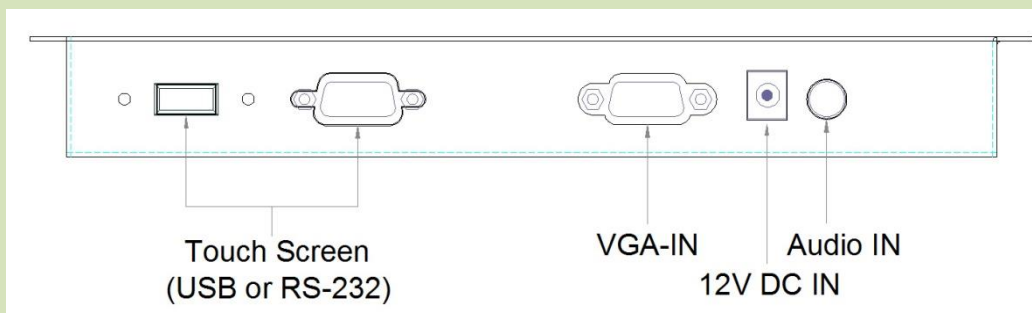
## Optional Accessories

| Part No. | Description              |
|----------|--------------------------|
| CLSMG02  | VGA Cable 3M             |
| CLCOM01  | RS-232 Cable 3M          |
| HG001T   | Stand kits for RA-series |
| WM005    | Wall mount Bracket       |
| OP1042   | Front Bezel / Black      |
| OP1040   | Front Bezel / White      |

## Dimensions:



## I/O Appearance:



All product specifications are subject to change without notice

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