

### Key Benefits

- ▶ 1920 x 1080 native FHD resolution
- ▶ 16.7 million colors ( 8-bit )
- ▶ HDMI 1.4 & VGA video input
- ▶ DP / HDMI 2.0 / DVI-D video input ( option )
- ▶ Video decoding capability up to 1080p ( option )
- ▶ Rugged structure ensures high mobility
- ▶ Universal mount
- ▶ Professional-use durability & around-the-clock operation

### Applications

- Broadcasting / Advertising
- Traffic control / Command center
- Directory / Ticket kiosk
- Surveillance system
- Vehicle mount display
- Bathroom TV

## Options

### Video Management & Transmission over Network

- HDMI Decoder & Extender
- Multi Monitor OSD Control Module
- 3G / HD / SD-SDI Input Module

### Bezel & Frame Customization

- Dimension
- Color & Treatment
- Screen Printing
- Stainless Steel Bezel

### Touchscreen & Glass Protection

- Resistive 1-point Touch
- Projected Capacitive 10-point Touch
- IP65 front protection
- Anti-reflective Glass
- Vandal Proof Glass

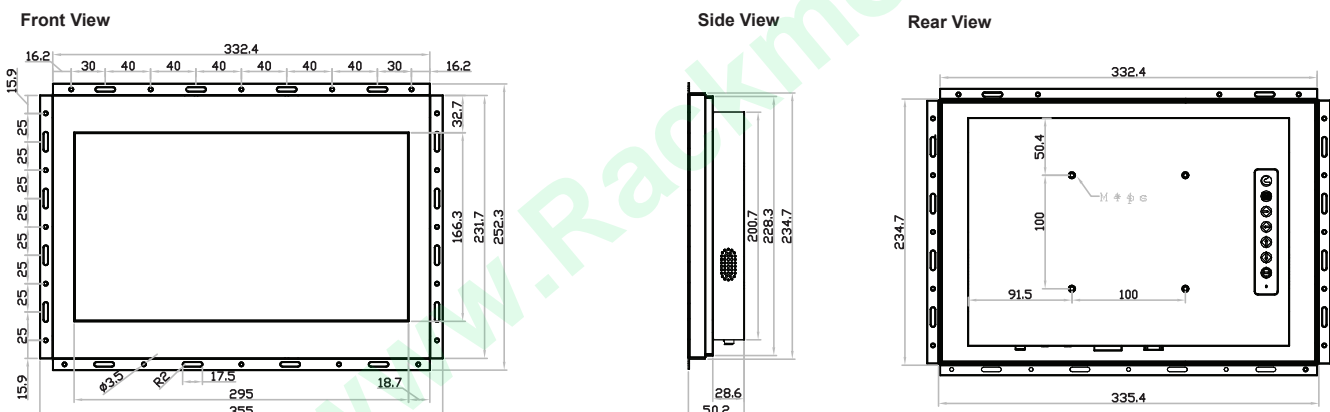
### DC Power & connector

- 12V / 24V / 48V / 110V / 125V / 250VDC
- MIL-type or lockable connector

### Mounting

- VESA mount kit
- Desktop stand
- Wall mount

## Diagrams ( mm )



## Product Specifications

| LCD Panel                       |                                  |
|---------------------------------|----------------------------------|
| Panel size (diagonal)           | 13-inch widescreen TFT color LCD |
| Native resolution               | 1920 x 1080                      |
| Brightness (cd/m <sup>2</sup> ) | 300                              |
| Contrast ratio (typ.)           | 800 : 1                          |
| Colors                          | 16.7M, 8-bit                     |
| Viewing angle (L/R/U/D)         | 85/85/85/85                      |
| Response time (ms)              | 25                               |
| Dot pitch (mm)                  | 0.1529                           |
| Display area (mm)               | 293.76H x 165.24V                |
| Surface treatment               | Anti-glare                       |
| Surface hardness                | 3H                               |
| Backlight type                  | LED                              |
| MTBF (hrs)                      | 15,000                           |

| Video |                     |
|-------|---------------------|
| VGA   | Analog 0.7Vp-p      |
| HDMI  | HDMI 1.4 / HDCP 1.4 |

| Video Option      |                     |
|-------------------|---------------------|
| Display port      | DP1.0 / HDCP 1.3    |
| HDMI              | HDMI 2.0 / HDCP 2.2 |
| DVI-D             | DVI-D single link   |
| Composite ( BNC ) | NTSC & PAL          |

| Audio ( option )         |                   |
|--------------------------|-------------------|
| Audio input :            |                   |
| Connector                | 3.5mm stereo jack |
| Impedance / Power level  | 30kΩ / 750mV      |
| Audio output :           |                   |
| Connector                | 3.5mm stereo jack |
| Resistance / Power level | 30kΩ / 2.8V       |
| Speaker :                |                   |
| Dual stereo speaker      | 2W x 2            |

When the audio output is connected, speaker output is OFF

| Power             |                                       |
|-------------------|---------------------------------------|
| Input             | Auto-sensing 100 to 240VAC, 50 / 60Hz |
| Consumption :     |                                       |
| Screen on         | Max. 9W                               |
| Power saving mode | Max. 2W                               |
| Power button on   | Max. 1W                               |

| Environment            |                                    |
|------------------------|------------------------------------|
| Operating temp.        | 0 to 55°C degree                   |
| Storage temp.          | -20 to 60°C degree                 |
| Operating humidity     | 10~90%, non-condensing             |
| Storage humidity       | 5~90%, non-condensing              |
| Operating altitude     | 16,000 ft                          |
| Non-operating altitude | 40,000 ft                          |
| Shock                  | 10G acceleration ( 11ms duration ) |
| Vibration              | 10~300Hz 0.5G RMS random vibration |

| Design      | ID-E13Pw        |
|-------------|-----------------|
| Protection  | open frame      |
| Front panel | -               |
| Rear casing | Black, RAL 9005 |

| Mounting        | ID-E13Pw     |
|-----------------|--------------|
| VESA mount      | 100 x 100 mm |
| Universal mount | bundled      |
| Desktop stand   | option       |
| Wall mount      | option       |

| Physical              | ID-E13Pw           |
|-----------------------|--------------------|
| Product (W x D x H) : |                    |
| mm                    | 355 x 50.2 x 252.3 |
| inch                  | 13.9 x 2 x 9.9     |
| Net weight            | - kg / - lb        |

| Compliance  |                      |
|-------------|----------------------|
| EMC         | FCC & CE certified   |
| Safety      | CE / LVD & UKCA      |
| Environment | REACH & RoHS3 / WEEE |

| Applicable Format   |              |  |              |                     |
|---------------------|--------------|--|--------------|---------------------|
| DVI-D / VGA Input   | PC Signal    | :1920 x 1080 x 60Hz                    |              |                     |
|                     |              | :1680 x 1050 x 60Hz                    |              |                     |
|                     |              | :1440 x 900 x 60Hz                     |              |                     |
|                     |              | :1360 x 768 x 60Hz                     |              |                     |
|                     |              | :1280 x 1024 x 60Hz                    |              |                     |
|                     |              | :1280 x 768 x 60Hz                     |              |                     |
|                     |              | :1280 x 720 x 60Hz                     |              |                     |
|                     |              | :1152 x 864 x 60Hz                     |              |                     |
|                     |              | :1024 x 768 x 60Hz                     |              |                     |
|                     |              | :800 x 600 x 60Hz                      |              |                     |
| HDMI Input          | HDMI 1.4     | :640 x 480 x 60Hz                      |              |                     |
|                     |              | :2ch Linear PCM                        |              |                     |
| Display port Input  | PC Signal    | :Same as VGA                           |              |                     |
|                     |              | :1920 x 1080 x 50 / 60Hz ( 1080p )     |              |                     |
|                     |              | :1920 x 1080 x 25 / 30Hz ( 1080i )     |              |                     |
|                     |              | :1280 x 720 x 50 / 60Hz ( 720p )       |              |                     |
|                     |              | :720 x 480 x 50 / 60Hz ( 576p / 480p ) |              |                     |
|                     |              | :2ch Linear PCM                        |              |                     |
|                     |              | Audio Signal                           | Audio Signal | :2ch Linear PCM     |
|                     |              |  |              | :1920 x 1080 x 60Hz |
|                     |              |  |              | :1680 x 1050 x 60Hz |
|                     |              |  |              | :1440 x 900 x 60Hz  |
| :1360 x 768 x 60Hz  |              |  |              |                     |
| :1280 x 1024 x 60Hz |              |  |              |                     |
| :1280 x 768 x 60Hz  |              |  |              |                     |
| :1280 x 720 x 60Hz  |              |  |              |                     |
| :1152 x 864 x 60Hz  |              |  |              |                     |
| :1024 x 768 x 60Hz  |              |  |              |                     |
| Audio Signal        | Audio Signal | :800 x 600 x 60Hz                      |              |                     |
|                     |              | :640 x 480 x 60Hz                      |              |                     |
| Audio Signal        | Audio Signal | :2ch Linear PCM                        |              |                     |

\* In some circumstances, if the user connects the LCD to PC via HDMI port for video and audio signals, the LCD may display incorrectly on a full screen. If so, please adjust the display card setting on display size to fix the issue.