

## ADP-1224A

21.5" Steel Enclosure LCD Display

Industrial Panel PC

HMI Controller

Industrial  
Display Monitor

Box PC



### Features

- 21.5" Black steel enclosure industrial display
- IP65 compliant front bezel
- OSD at front side
- VESA mount 100 x 100
- Anti-reflection glass in front for protection (optional touch panel)
- Default DC 9~36V input, option AC 100~240V input
- VGA, DVI, HDMI, and DP input

### Specifications

| I/O Port    |                                                                                                |
|-------------|------------------------------------------------------------------------------------------------|
| VGA         | 1 x VGA                                                                                        |
| DVI         | 1 x DVI-D                                                                                      |
| DP          | 1 x DP                                                                                         |
| HDMI        | 1 x HDMI                                                                                       |
| Audio       | 1 x Audio Line-in phone jack                                                                   |
| Power Input | 1 x 3 pin terminal block , DC 9~36V<br>AC 100~240V (option)                                    |
| Others      | 1 x USB type B for touch control<br>1 x RS-232 DB-9 for touch control<br>1 x AC inlet (option) |
| OSD Control | OSD on the front side default, OSD on the rear side (option)                                   |

| Display                        | Standard        | High Brightness Optional |
|--------------------------------|-----------------|--------------------------|
| Display Type                   | 21.5" TFT-LCD   | 21.5" TFT-LCD            |
| Max. Resolution                | 1920 x 1080     | 1920 x 1080              |
| Max. Color                     | 16.7M           | 16.7M                    |
| Luminance (cd/m <sup>2</sup> ) | 250             | 1000                     |
| View Angle                     | 178(H) / 178(V) | 178(H) / 178(V)          |
| Contrast                       | 1000:1          | 3000:1                   |
| Backlight Lifetime             | 50,000 hrs      | 50,000 hrs               |

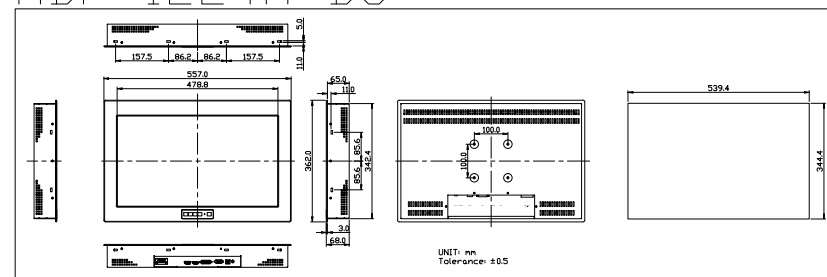
| Touch Screen          |                              |
|-----------------------|------------------------------|
| Type                  | Resistive Touch              |
| Interface             | USB default<br>RS-232 option |
| Light Transmission(%) | 80%                          |

| Power             |                                |
|-------------------|--------------------------------|
| Power Input       | DC 9~36V, AC 100~240V (option) |
| Power Consumption | ADP-1224AT: 17W(MAX)           |

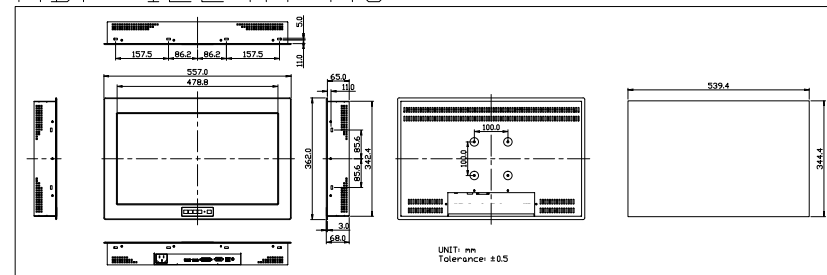
| Mechanical         |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Construction       | Black Steel Front Panel<br>Option Front Bezel : Stainless / Aluminum |
| Mounting           | Panel mount / VESA mount 100 x 100 / Rack Mount (Option)             |
| IP Rating          | Front side IP65                                                      |
| Dimensions (WxHxD) | 557 x 362 x 65 mm                                                    |
| Net Weight         | 8 kg                                                                 |

### Dimensions

#### ADP-1224A DC



#### ADP-1224A AC



| Environmental         |                                  |
|-----------------------|----------------------------------|
| Operating Temperature | 0~50°C                           |
| Storage Temperature   | -30~70°C                         |
| Humidity              | 10 to 95% @ 40°C, Non-condensing |
| Certificate           | CE/FCC, Class A                  |

| Ordering Information |                                                                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ADP-1224A            | 21.5" 1920 x 1080 industrial display, VGA, DVI-D, HDMI, DP input, 5 keys front OSD, DC 9~36V power input, no touch with protective glass, black steel enclosure |
| ADP-1224AT (option)  | 21.5" 1920 x 1080 industrial display, VGA, DVI-D, HDMI, DP input, 5keys front OSD, DC 9~36V power input, 5-wire resistive touch, black steel enclosure          |

## Assured Systems

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