

## ARCDIS-112AP/R/G(H)

### 12.1" Front Panel IP66 Aluminum Die-casting Display

Industrial Panel PC

HMI Controller

Industrial Display Monitor

Box PC



### Features

- Industrial Display
- Flat front panel touch screen
- Fanless design
- Wide range DC 9~36V power input
- IP66 compliant front panel
- VGA/DVI-D/HDMI/DP input
- System power LED light
- High Brightness LCD and Auto Dimming for option
- Support protective AR glass for option (non-touch version)

### Specifications

| I/O Port             |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| VGA                  | 1 x VGA                                                                                               |
| DVI                  | 1 x DVI-D (share with HDMI)                                                                           |
| DP                   | 1 x DP                                                                                                |
| HDMI                 | 1 x HDMI (share with DVI-D)                                                                           |
| Audio                | 1 x Audio line-in phone jack                                                                          |
| OSD Control Membrane | OSD at rear side                                                                                      |
| Power                | 1 x 3-pin terminal block for DC 9~36V power input                                                     |
| Others               | 1 x USB type B for touch control<br>Optional I/O:<br>1 x Speaker<br>1 x RS-232 DB-9 for Touch Control |

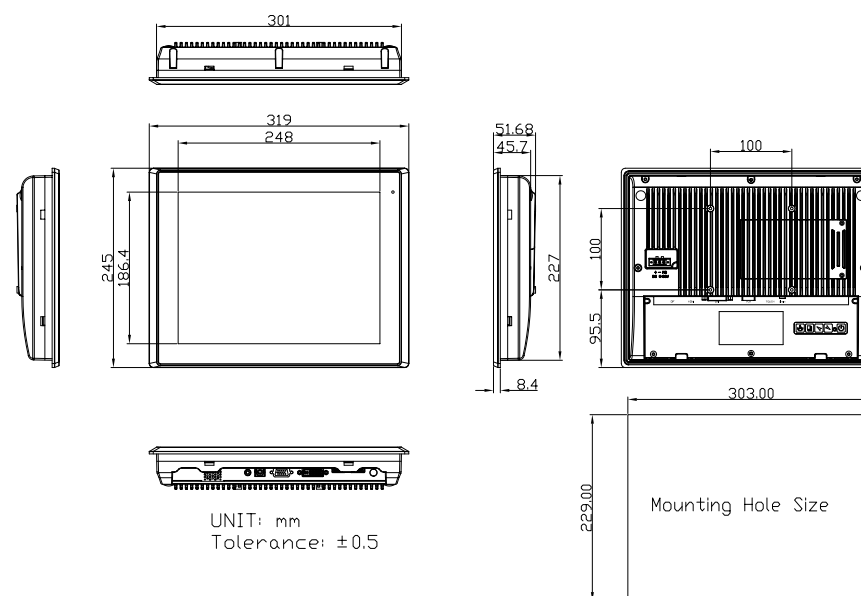
| Display                        | Standard      |               | High Brightness Optional |               |
|--------------------------------|---------------|---------------|--------------------------|---------------|
|                                | 12.1" TFT-LCD |               | 12.1" TFT-LCD            |               |
| Display Type                   | default       | optional      | default                  | optional      |
| Max. Resolution                | 800 x 600     | 1024 x 768    | 800 x 600                | 1024 x 768    |
| Max. Color                     | 16.7M         | 16.2M         | 16.7M                    | 16.2M         |
| Luminance (cd/m <sup>2</sup> ) | 450           | 500           | 1000                     | 1000          |
| View Angle                     | 176(H)/176(V) | 178(H)/178(V) | 176(H)/176(V)            | 178(H)/178(V) |
| Contrast                       | 1000:1        | 1000:1        | 1000:1                   | 1000:1        |
| Backlight Lifetime             | 50,000 hrs    | 30,000 hrs    | 50,000 hrs               | 70,000 hrs    |

| Touch Screen          |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| Type                  | Resistive Touch (for AR Model)<br>Projected Capacitive Touch (for AP Model)<br>Glass (for AG model) |
| Interface             | USB default (Resistive / Projected Capacitive Touch)<br>RS-232 Option (Resistive Touch)             |
| Light Transmission(%) | Resistive Touch : over 80%<br>Projected Capacitive Touch : over 90%                                 |

| Power             |                        |
|-------------------|------------------------|
| Power Input       | DC 9~36V               |
| Power Consumption | ARCDIS-112AP: 9W (MAX) |

| Mechanical         |                                    |
|--------------------|------------------------------------|
| Construction       | Aluminum Die-casting Chassis       |
| Mounting           | Panel Mount / VESA Mount 100 x 100 |
| IP Rating          | IP66 Compliant Front Panel         |
| Dimensions (WxHxD) | 319 x 245 x 51.68 mm               |
| Net Weight         | 2.6 kg                             |

### Dimensions



| Environmental         |                                  |
|-----------------------|----------------------------------|
| Operating Temperature | 0~50°C / -20~60°C for option     |
| Storage Temperature   | -30~70°C                         |
| Humidity              | 10 to 95% @ 40°C, non-condensing |
| Certificate           | CE/FCC, Class A                  |

| Ordering Information |                                                                                                                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ARCDIS-112AR         | 12.1" SVGA FPD Industrial display, Resistive touch window, VGA, DVI-D, HDMI, and DP input, 5 keys Rear OSD, DC 9~36V power input with adapter, Aluminum Die-casting Chassis            |
| ARCDIS-112AP         | 12.1" SVGA FPD Industrial display, Projected Capacitive touch screen, VGA, DVI-D, HDMI, and DP input, 5 keys Rear OSD, DC 9~36V power input with adapter, Aluminum Die-casting Chassis |

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