

**ARCDIS-124AP/G(H)**

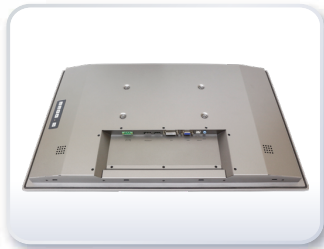
23.8" Front Panel IP66 Aluminum Die-casting Display

Industrial Panel PC

HMI Cotroller

**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 for option

**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 |

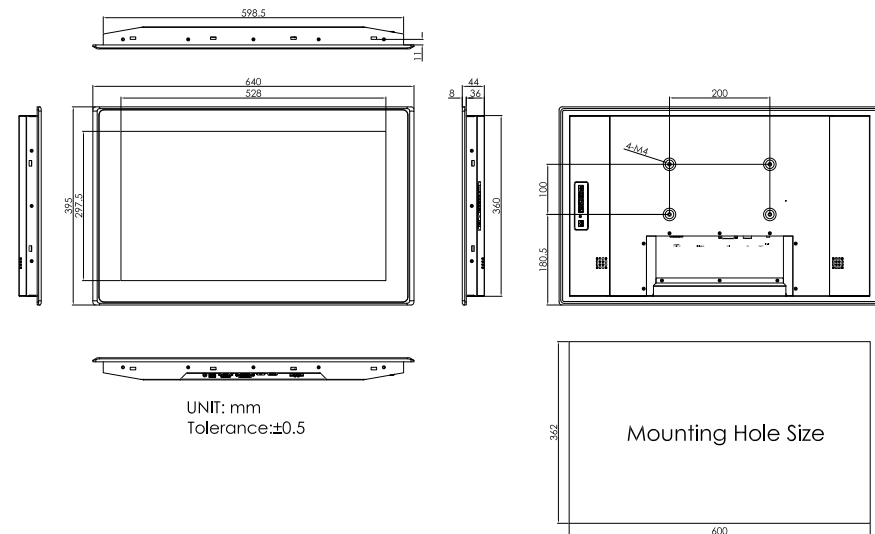
| Display                        | Standard        | High Brightness Optional |
|--------------------------------|-----------------|--------------------------|
| Display Type                   | 23.8" TFT-LCD   | 23.8" TFT-LCD            |
| Max. Resolution                | 1920 x 1080     | 1920 x 1080              |
| 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                       | 3000:1          | 3000:1                   |
| Backlight Lifetime             | 30,000 hrs      | 50,000 hrs               |

| Touch Screen          |   |
|-----------------------|---|
| Type                  | Projected Capacitive Touch (for AP Model)<br>Glass (for AG model) |
| Interface             | USB default (Projected Capacitive Touch)                          |
| Light Transmission(%) | Projected Capacitive Touch : over 90%                             |

| Power             |                          |
|-------------------|--------------------------|
| Power Input       | DC 9~36V                 |
| Power Consumption | ARCDIS-124AP : 21W (MAX) |

| Mechanical         |  |
|--------------------|--|
| Construction       | Aluminum Chassis Front Bezel/ Steel Back Cover |
| Mounting           | Panel Mount / VESA Mount 200 x 100             |
| IP Rating          | IP66 Compliant Front Panel                     |
| Dimensions (WxHxD) | 640 x 395 x 44 mm                              |
| Net Weight         | 9.5 kg   |

**Dimensions**



| 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 |   |
|----------------------|---|
| ARCDIS-124AP         | 24" FHD FPD Industrial display, Projected Capacitive touch screen, VGA, DVI, HDMI, and DP input, 5 keys Rear OSD, DC 9~36V power input with adapter, Aluminum Die-casting Chassis |

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660