

## 21.5 inch industrial display ARCDIS-121AP



- 21.5" TFT LCD, 1920 x 1080 pixels
- projected capacitive touch
- IP66 die-cast aluminum housing
- Flush frame design
- Fanless cooling system
- Reading angle horizontal 178°, vertical 178°

<https://www.wachendorff-prozesstechnik.de/en/ARCDIS-121AP>

### Description

The ARCDIS series offers industrial displays in a flush-fitting die-cast aluminum housing.

The industrial touch displays in this series are available in display sizes ranging from 7" to 23.8" and can be equipped with either projected capacitive or resistive touch. The series is supplemented by displays without touch functionality. The projected capacitive touch enables multi-touch operation. If pressure-sensitive operation is required (e.g. with gloves), the resistive touch is the right choice. The front panels are absolutely flush with the die-cast aluminum housing. The housing is IP66 rated. The unique fanless thermal design of the die-cast aluminum housing enables effective temperature control. The touch displays of the ARCDIS series can optionally be equipped with a high-brightness LCD and/or optical bonding for an outstanding display, even under difficult conditions.

### Product details

|                     |                                                                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply:       | 9 VDC to 36 VDC                                                                                                                                               |
| Power consumption:  | max. 24.9 W                                                                                                                                                   |
| Display:            | 21.5" TFT LCD                                                                                                                                                 |
| Resolution:         | 1920 x 1080 pixels                                                                                                                                            |
| Aspect ratio:       | 16:9                                                                                                                                                          |
| Brightness:         | 250 cd/m <sup>2</sup> (optional High Brightness LCD 1,000 cd/m <sup>2</sup> )                                                                                 |
| Colors:             | 16,7M                                                                                                                                                         |
| Reading angle:      | H: 178° / V: 178°                                                                                                                                             |
| Touch screen:       | Projected capacitive touch                                                                                                                                    |
| Interfaces:         | VGA: 1x<br>DVI-D: 1x<br>HDMI: 1x<br>DP: 1x<br>USB: 1x USB-B for touch control<br>OSD: Control membrane (rear)<br>Power supply: pluggable 3-pin terminal strip |
| Housing:            | Die-cast aluminum                                                                                                                                             |
| Assembly:           | VESA 100 x 100; panel mounting                                                                                                                                |
| Protection class:   | IP66 on the front                                                                                                                                             |
| Dimensions (WxHxD): | 557 mm x 362 mm x 64.8 mm                                                                                                                                     |
| Weight:             | approx. 7.6 kg                                                                                                                                                |
| Ambient conditions: | Operation: 0 °C to +50 °C (0 °C to +40 °C with high-brightness LCD)<br>Storage: -30 °C to +70 °C<br>10 % to 90 %rH at 40 °C, non-condensing                   |

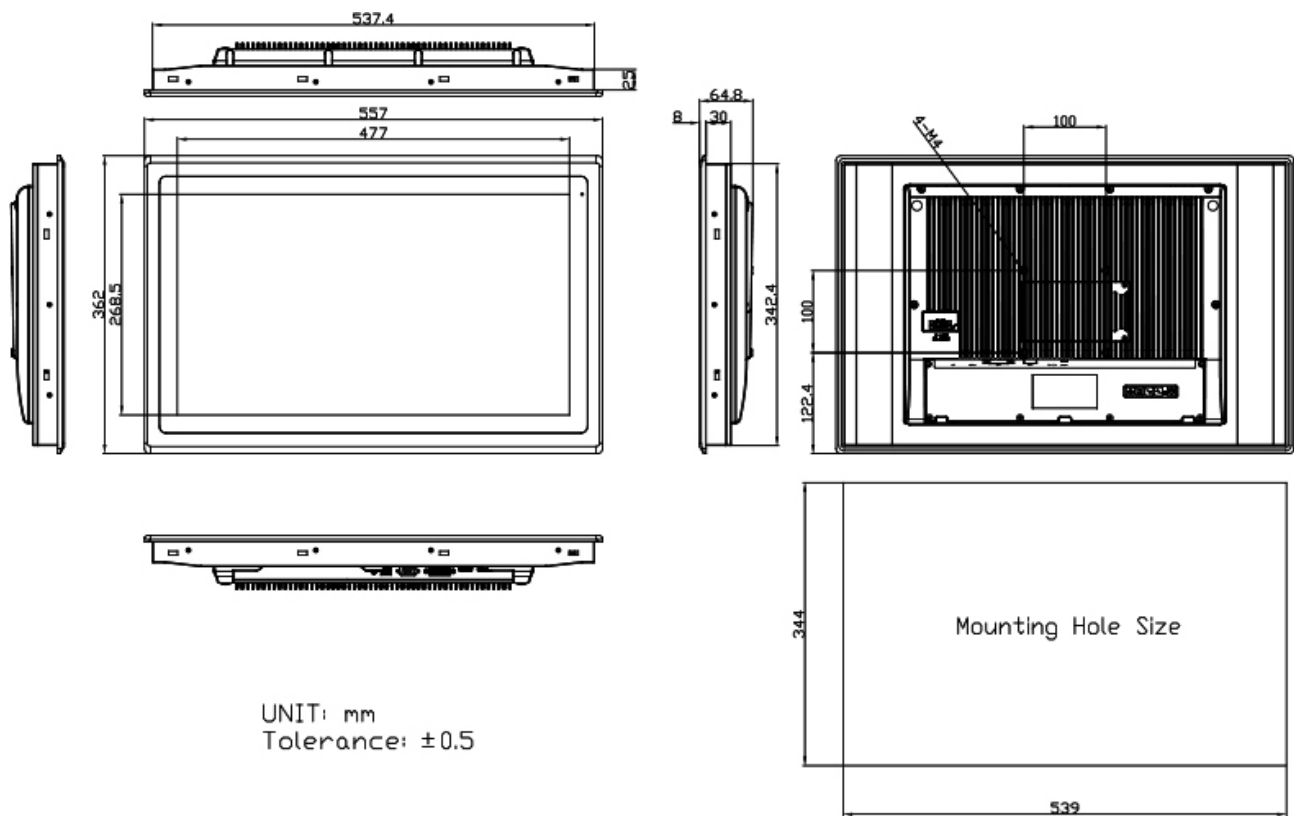
|                        |                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certifications:        | CE/FCC Class A                                                                                                                                              |
| Scope of delivery:     | Device<br>1 x 12V plug-in power supply<br>1 x VGA cable, 1.8 m<br>1 x USB 2.0 cable, 1.8 m (USB A male/USB B male)<br>1 x 3-pin connector plug Power supply |
| Customs tariff number: | 85285210                                                                                                                                                    |
| Manufacturer:          | Aplex Technology Inc.                                                                                                                                       |
| Options:               | Optical bonding<br>High Brightness LCD (1000 cd/m <sup>2</sup> )<br>Extended temperature range -20 °C to +60 °C<br>Built-in loudspeaker                     |

### Products Order no.

|              |                                                      |
|--------------|------------------------------------------------------|
| ARCDIS-121AP | 21.5" industrial display, projected capacitive touch |
|--------------|------------------------------------------------------|

Drawings

Dimensions (mm):





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