

# W22L100-IPA3HB

21.5" Front IP65 High Brightness Display



CE

FCC

## KEY FEATURES

- 21.5", 1920 x 1080
- VGA and HDMI input
- Panel mount
- VESA mount
- High Brightness
- Front IP65 waterproof and dustproof

## INTRODUCTION

Winmate Front IP65 Display Series offers durable and versatile solutions for industrial and commercial environments. Available in sizes from 5.7" to 32", these wide and rectangular displays feature front IP65-rated waterproof and dustproof protection, ensuring reliability in wet or dusty conditions. With VGA and HDMI inputs, panel mount, and VESA mounting options, they are easy to install in cabinets, racks, or fixtures. Ideal for factory automation, kiosks, and outdoor applications, they deliver reliable performance and seamless integration.

## SPECIFICATIONS

### Display

|                |                  |                  |                                                                                                                          |
|----------------|------------------|------------------|--------------------------------------------------------------------------------------------------------------------------|
| Resolution     | 1920x1080        | Size             | 21.5 inches                                                                                                              |
| Contrast Ratio | 5000.0           | Panel Brightness | 1000.0 nits                                                                                                              |
| Display Color  | 16.7M Colors     | View Angles      | 89,89,89,89                                                                                                              |
| Active Area    | 476.64x268.11 mm | Touch / Glass    | Resistive Touch Screen<br>Protection Glass w/o Touch Function (Optional)<br>SAW Touch (Surface Acoustic Wave) (Optional) |

### Environment

|                     |                               |                       |             |
|---------------------|-------------------------------|-----------------------|-------------|
| Operating Humidity  | 10% to 90% RH, Non-Condensing | Operating Temperature | 0°C to 50°C |
| Storage Temperature | -10°C to 60°C                 |                       |             |

### Certification

|               |         |
|---------------|---------|
| Certification | CE, FCC |
|---------------|---------|

### IO Ports

|          |                                                            |       |                                                      |
|----------|------------------------------------------------------------|-------|------------------------------------------------------|
| USB Port | 1 x USB for Touch Screen                                   | Video | 1 x VGA<br>1 x HDMI (Optional)<br>1 x DVI (Optional) |
| Audio    | Audio line in (3.5mm) (Optional)<br>2 x Speaker (Optional) |       |                                                      |

### Mechanical

|                |                         |           |             |
|----------------|-------------------------|-----------|-------------|
| Dimension      | 534 x 384 x 66 mm       | Weight    | 6.6 kg      |
| Mounting       | VESA Mount/ Panel Mount | Enclosure | Metal       |
| Cooling System | Fanless Design          | Cut out   | 510 x 325mm |

### Accessory

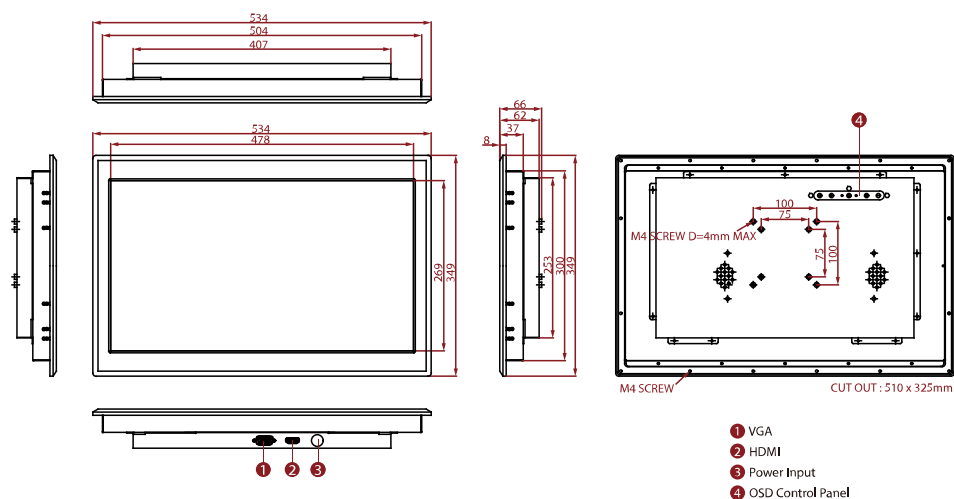


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|                     |                                                                                                                        |                           |                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------|
| <b>Accessory</b>    | 1 x VGA cable<br>1 x HDMI cable<br>100~240V AC to DC Adapter<br>Power Cord<br>Manual<br>VESA screws(Varies by product) | <b>Optional Accessory</b> | Remote Controller (Optional,Varies by product) |
| <b>Power</b>        |                                                                                                                        |                           |                                                |
| <b>Power Rating</b> | 12V DC in<br>24V DC in (optional)                                                                                      |                           |                                                |
| <b>Control</b>      |                                                                                                                        |                           |                                                |
| <b>Button</b>       | 5 Keys: -, +, Power, Esc, Enter                                                                                        |                           |                                                |

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.