

# W22L100-65A3

## 21.5" IP65 Stainless Resistive Chassis Display



### KEY FEATURES

- 21.5", 1920 x 1080
- Resistive Chassis with IP65 waterproof display
- Support VESA / YOKE mount
- Stainless housing SUS 316 / AISI 316
- Full IP65 waterproof and dustproof
- Optical bonding (optional)

### INTRODUCTION

Winmate IP65 Resistive Chassis Display Series is designed for durability and reliability in harsh industrial environments, offering sizes from 8.4" to 55". Featuring full IP65 waterproof and dustproof protection, stainless SUS 316 housing, and optional optical bonding for enhanced visibility, these displays excel in challenging conditions. With VESA and YOKE mounting options and protective glass for scratch resistance, they ensure long-term functionality. Fully sealed connectors and cables provide robust protection, making them ideal for rugged applications.

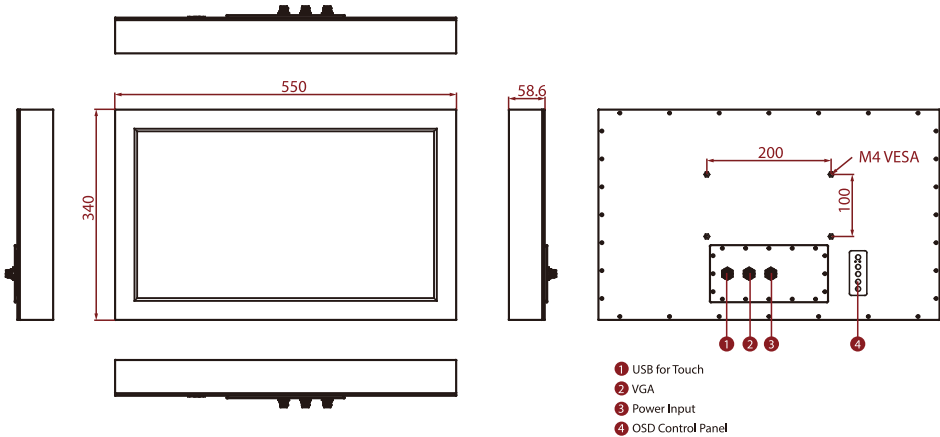
### SPECIFICATIONS

| Display             |                                                                  |                       |                                                                                                                                |
|---------------------|------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Resolution          | 1920x1080                                                        | Size                  | 21.5 inches                                                                                                                    |
| Contrast Ratio      | 3000:1                                                           | Panel Brightness      | 250.0 nits                                                                                                                     |
| Display Color       | 16.7M Colors                                                     | View Angles           | 89,89,89,89                                                                                                                    |
| Active Area         | 476.64x268.11 mm                                                 | Touch / Glass         | Resistive Touch Screen (Optional)<br>Protection Glass Without Touch Function (Optional)                                        |
| Mechanical          |                                                                  |                       |                                                                                                                                |
| Dimension           | 550 x 340 x 58.6 mm                                              | Weight                | 10.3Kg                                                                                                                         |
| Mounting            | VESA Mount<br>Yoke Mount                                         | Enclosure             | Stainless Housing                                                                                                              |
| Cooling System      | Fanless design                                                   |                       |                                                                                                                                |
| Environment         |                                                                  |                       |                                                                                                                                |
| Operating Humidity  | 10% to 90% RH, Non-Condensing                                    | Operating Temperature | 0°C to 45°C                                                                                                                    |
| Storage Temperature | -20°C to 60°C                                                    | IP rating             | IP65                                                                                                                           |
| Certification       |                                                                  |                       |                                                                                                                                |
| Certification       | CE, FCC                                                          |                       |                                                                                                                                |
| IO Ports            |                                                                  |                       |                                                                                                                                |
| Power Input         | 1 x M12 waterproof connector for 12V DC                          | USB Port              | 1x M12 waterproof connector for touch screen control (Optional)                                                                |
| Serial Port         | 1 x M12 waterproof connector for touch screen control (Optional) | Video                 | 1x M12 type connector for VGA input<br>1x waterproof DVI input (Optional)<br>1x waterproof connector for HDMI input (Optional) |
| Indicator           | 1 x LED Indicator for power<br>1 x LED Indicator for status      |                       |                                                                                                                                |

| Control      |                                                                                                                                                               |                    |                                                                                                                                                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Button       | 1 x Power Button<br>1 x Adjust up button<br>1 x Adjust down button<br>1 x ESC (Auto) button<br>1 x OK (Menu) button                                           |                    |                                                                                                                                                                                                                                                                                                                            |
| Accessory    |                                                                                                                                                               |                    |                                                                                                                                                                                                                                                                                                                            |
| Accessory    | 100~240V AC to DC Adapter with waterproof connector<br>Power Cord<br>External VGA cable with waterproof connector<br>Waterproof caps<br>Manual<br>VESA screws | Optional Accessory | Yoke mount stand (Optional)<br>External HDMI cable with waterproof connector (Optional)<br>External DVI cable with waterproof connector (Optional)<br>External USB cable with waterproof connector for touchscreen control (Optional)<br>External RS232 cable with waterproof connector for touchscreen control (Optional) |
| Power        |                                                                                                                                                               |                    |                                                                                                                                                                                                                                                                                                                            |
| Power Rating | 12V DC (M12 type)                                                                                                                                             |                    |                                                                                                                                                                                                                                                                                                                            |

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.