

W22L100-67A3POD

21.5" PCAP Touch Chassis Display



CE

FC

KEY FEATURES

- High Quality 21.5" Panel, 1920 x 1080 resolution, 1500 nits
- P-cap multi touch screen Optical Bonding with Panel to increase the clarity and transparency
- Optional Anti-Reflective Protection Glass Optical Bonding with Panel
- Dust/ Water proof design with VESA mount Full IP67 Monitor
- Aluminum Die-Casting Housing with Anti-Corrosion Treatments
- Build in ambient Light sensor
- Operating temperature:-10~60°C
- Optional operating temperature : -25~60°C with heater solution
- Wide Range 9 to 36V DC Input with isolation. Optional for Ignition On/Off delay

INTRODUCTION

Winmate Chassis Display (PCAP Touch) Series offers a versatile range of sizes from 7" to 55", designed for dynamic outdoor and industrial applications. Featuring sunlight-readable high-brightness displays and optional UV film for solar radiation protection, these displays ensure superior visibility under direct sunlight. With PCAP touch technology, VESA mount support, and operating temperature options from -10°C to 60°C (or -25°C to 60°C with a heater solution), the series delivers reliable performance in demanding environments, making it ideal for outdoor kiosks, public information systems, and industrial monitoring.

SPECIFICATIONS

Display

Touch / Glass	Projected Capacitive Multi Touch Screen Bonding With Panel Ture Flat Protection Glass Bonding With Panel (Optional)	Resolution	1920x1080
Size	21.5 inches	Contrast Ratio	1000:1
Panel Brightness	1500.0 nits	Display Color	16.7M Colors
View Angles	89,89,89,89	Active Area	476.64x268.11 mm

Mechanical

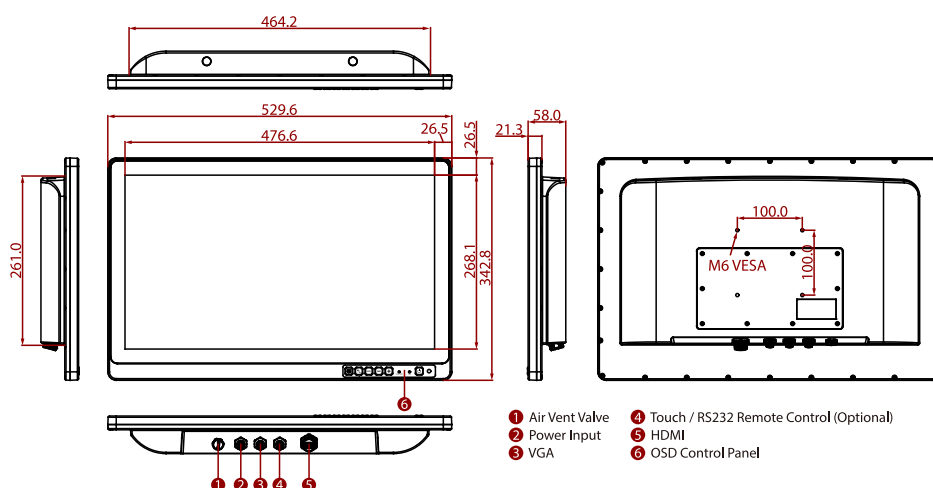
Dimension	529.6 x 342.8 x 58 mm	Weight	8.67 kg
Mounting	VESA mount	Enclosure	Aluminum Housing Pre finish: Surtec 650, Type II, Class 3 Coating: Polyester powder coating
Cooling System	Fanless Design		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	-10°C to 55°C -25°C to 60°C (with intelligent heater)
Storage Temperature	-30°C to 70°C	Shock	MIL-STD-810G Method 516.6 Procedure I

Vibration	MIL-STD-810G Method 514.6 Procedure I	IP rating	IP67
Certification			
Certification	CE, FCC		
IO Ports			
USB Port	1 x M12 waterproof connector for 9~36V DC	Serial Port	1x M12 type connector for Touchscreen via USB signal
SD Card Slot	1 x M12 type connector for Touchscreen via RS232 signal (Optional) 1 x M12 type connector for RS232 Remote Control (Optional)	Video	1x M12 type connector for VGA input 1x Waterproof connector for HDMI input
Indicator	1 x LED Indicator for power 1 x LED Indicator for lock/unlock status		
Control			
Button	1 x "Power" key to power on the device. 1 x "+" key to increase screen brightness. 1 x "-" key to decrease screen brightness. 1 x "Menu" key can Automatically or manually adjusts brightness of the display screen 1 x Day / Night Mode button 1 x LED indicator brightness adjustment button 1 x Ambient Light sensor		
Accessory			
Accessory	1 x External open wire Power cable with waterproof connector 1 x External USB cable with waterproof connector for Touch 1 x External VGA cable with waterproof connector 1 x External HDMI cable with waterproof connector 3 x Waterproof caps VESA screws	Optional Accessory	100~240V AC to DC Adapter with power cord (Optional) External COM cable with waterproof connector (Optional)

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.