

R15L100-67C3(HB)

15" G-WIN IP67 Series Display



CE

FC



KEY FEATURES

- High Quality 15" XGA Panel, 1024 x 768 resolution, 1000 nits
- Full IP67 Dust Water-proof Protection
- Aluminum Housing with Anti-Corrosion Treatments
- Built-in ambient Light sensor
- Optical Bonding with Anti Moisture Treatments
- Anti-Shock and Vibration Standard according to IEC60068-2-27
- 5 Wire Resistive Touchscreen / Anti-Reflective Protection Glass
- 9V ~ 36V DC Isolation Wide Range Power Input

INTRODUCTION

Winmate G-WIN IP67 Display (Vehicle Mount) Series offers rugged, high-performance displays designed for demanding vehicle environments. Available in sizes from 15" to 21.5", these displays feature full IP67-rated dust and water protection, anti-corrosion aluminum die-cast housing, and optional anti-reflective optical bonding for superior clarity. With high brightness up to 1000 nits, P-cap or resistive touch options, and wide operating temperatures (-10 to 55°C), they ensure reliable performance in harsh conditions. Built-in ambient light sensors and wide-range DC input with optional ignition control make them ideal for industrial and transportation applications.

OVERVIEW

EASY TO CLEAN FLAT SURFACE



Easy-to-Clean Flat Surface

Winmate's Flat aluminum display goes beyond that of the standard industrial panel computers with its elegant, edge-to-edge design. The display is easy to clean, plus the screen is resistant to water and liquid droplets.

Full IP67 Protection

The dust and waterproof display comply with IP67 standards. Plus, the M12 connectors are waterproof for varying industrial environments.

DUST AND WATER RESISTANT



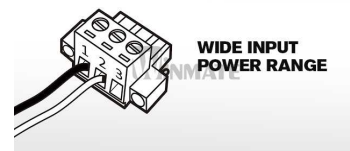


Fanless Cooling System

The fanless design eliminates dust circulation for improved product longevity – especially in heavy-duty applications where dusty conditions are prevalent.

Full Power Input Range

Since panel display and computers were not designed to be carried around, they rely on DC power via conventional external AC adapters. Winmate offers 9 to 36 Volt input power range options to fulfill a wide range of applications.



Anti-Shock and Vibration

The G-Win series is as tough as it gets. The displays are compliant with MIL-STD-810G, and the aluminum die-casting is rock solid. Plus, optical bonding technology with anti-moisture treatment and resistive coating ensure the screen and housing are both rugged to the max.

SPECIFICATIONS

Display

Resolution	1024x768	Size	15.0 inches
Contrast Ratio	2000:1	Panel Brightness	1000.0 nits
Display Color	16.2M Colors	View Angles	88,88,88,88
Active Area	304.1x228.1 mm	Touch / Glass	Resistive Touch Screen Bonding With Panel Protection Glass Without touch function (Optional)

Mechanical

Dimension	398 x 308 x 58 mm	Weight	4.2 kg
Mounting	VESA Mount Yoke Mount	Enclosure	Aluminum Housing
Cooling System	Fanless design		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	-10°C to 55°C -40°C to 70°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
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IO Ports

Power Input	1 x M12 waterproof connector for 9~36V DC	USB Port	1x M12 type connector for Touchscreen via USB signal
Serial Port	1 x M12 type connector for Touchscreen via RS232 signal (Optional)	Video	1x M12 type connector for VGA input 1x Waterproof connector for HDMI input (Optional)
Indicator	1 x LED Indicator for power 1 x LED Indicator for status		

Control

Button	1 x Power Button 1 x Adjust up button 1 x Adjust down button 1 x ESC (Auto) button 1 x OK (Menu) button
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Accessory

Accessory	External open wire Power cable with waterproof connector External USB cable with waterproof connector External VGA cable with waterproof connector Waterproof caps VESA screws	Optional Accessory	Yoke mount stand (Optional) 100~240V AC to DC 50W Adapter with power cord (Optional) External COM cable with waterproof connector (Optional) External HDMI cable with waterproof connector (Optional)
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