

R15L100-VMC3-P(HB)

15" G-WIN VM Series Display



CE

FCC

KEY FEATURES

- 15" Panel, 1024*768 resolution, 300 nits (Optional for 1000 nits)
- P-cap multi touch screen
- Optional True Flat 5 Wire Resistive Touch
- Optional Anti-Reflective Protection Glass
- Aluminum Die-Casting Housing with Anti-Corrosion Treatments
- Build in ambient Light sensor
- Front IP65 (Except I/O parts)
- -10 to 55°C wide operating temperature
- Wide Range 9 to 36V DC Input with isolation.
- Anti-Shock & Vibration compliant with MIL-STD-810F/G

INTRODUCTION

The R15L100-VMC3-P(HB) is a 15-inch rugged display engineered for vehicle applications. Featuring MIL-STD-810F/G shock and vibration compliance and IP65 front protection, it ensures reliability in heavy-duty logistics. The display offers optical bonding for superior clarity, an optional 1000-nit high brightness panel for outdoor readability, and a wide 9-36V isolated DC input, making it the ideal solution for tough, mobile operations.

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	Projected Capacitive Multi Touch Screen

Mechanical

Dimension	379.4 x 278.4 x 58 mm	Weight	3.8 kg
Mounting	VESA mount	Enclosure	Aluminum Housing
Cooling System	Fanless Design		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	-10°C to 55°C
Storage Temperature	-30°C to 70°C	Shock	MIL-STD-810G Method 516.6 Procedure I (Optional)
Vibration	MIL-STD-810G Method 514.6 Procedure I	IP rating	Front IP65

Certification

Certification	CE, FCC
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IO Ports

Power Input	1 x 9~36V DC, 3-Pin Terminal Block	USB Port	1x USB type-A for touch screen control (Optional)
Serial Port	1 x RS232 D-sub9 for touch screen control (Optional)	Video	1x VGA input 1x HDMI input (Optional)
Indicator	1 x LED Indicator for power 1 x LED Indicator for 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		
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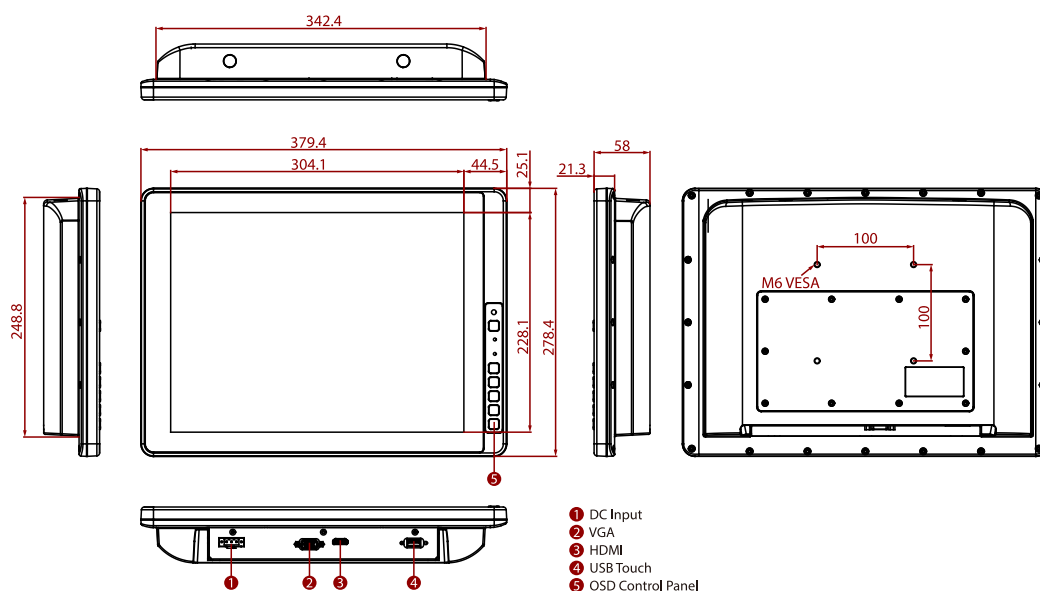
Accessory

Accessory	Open Wire Cable with terminal block connector External VGA cable External USB/COM cable for touchscreen control VESA screws	Optional Accessory	Yoke mount stand (Optional) 100~240V AC to DC 50W Adapter with power cord (Optional) External COM cable for RS232 remote control (Optional) External HDMI cable (Optional)
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Ordering Information

Option	R15L100-VMC3-R(HB) for Resistive Touch (Optional) R15L100-VMC3-G(HB) for Anti Reflective Protection Glass (Optional)		
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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.