

R08T200-VMU1

8.4" G-WIN Resistive Touch Display



CE

FCC

KEY FEATURES

- High Quality 8.4" panel, 800 x 600 resolution, 600 nits
- 5 wire / 4 wire Resistive Touch Display
- -10 ~ +55°C Wide Range Operating Temperature
- Anti-Corrosion housing with Fanless Design
- Front IP65 Dust & Waterproof Protection (Except I/O ports)
- 10 ~ 60V DC Isolation Wide Range Power Input. Optional Ignition on/off control function.

INTRODUCTION

Winmate G-WIN VM Series Vehicle Mount Display is built for demanding industrial and automotive applications, offering display sizes from 8.4" to 15". Designed with high-resolution panels, resistive touch screens, and fanless anti-corrosion housing, it ensures reliable performance in harsh environments. With a wide operating temperature range (-10°C to +55°C), full IP65 dust and water protection, and a DC isolation power input range (10-60V or 9-36V), it's ideal for rugged vehicle operations. Optional ignition control and ambient light sensors enhance usability and adaptability in dynamic settings.

SPECIFICATIONS

Display

Resolution	800x600	Size	8.4 inches
Contrast Ratio	600:1	Panel Brightness	600.0 nits
Display Color	262K Colors	View Angles	75,75,60,70
Active Area	170.4x127.8 mm	Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)

Mechanical

Dimension	277 x 219.5 x 59.6 mm	Weight	2.2 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
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

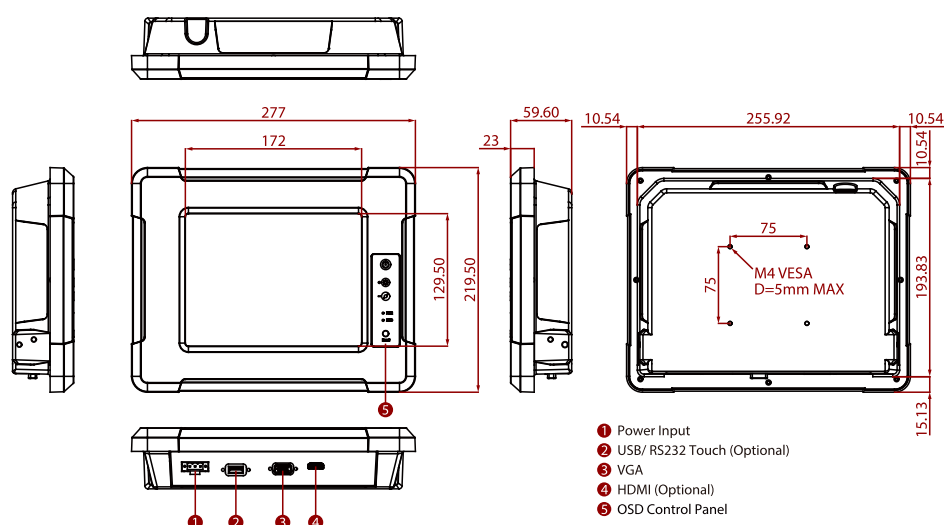
Certification	CE, FCC
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IO Ports

Power Input	1 x 10~60V 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 Button 1 x Adjust up button 1 x Adjust down button 1 x ESC (Auto) button 1 x Menu button		
Accessory			
Accessory	Open Wire Cable with terminal block connector External VGA cable VESA screws	Optional Accessory	Yoke mount stand (Optional) 100~240V AC to DC 50W Adapter with power cord (Optional) External USB/COM cable for touchscreen control (Optional) External HDMI cable (Optional)
System Specification			

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. 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.
3. All specifications are subject to change without prior notice.