

R19L100-MLA3FP

19" PCAP Rack Mount Defence Display



KEY FEATURES

- 19", 1280 x 1024 resolution
- Compliant MIL-STD 810G/ MIL-STD 461E
- Rack mount mechanical design, supports VESA mount
- PCAP multi-touch screen
- Defence-grade power connector (MIL-DTL-38999/1)
- AC 100~240V, Universal, $\pm 10\%$; DC 9~36V, $\pm 10\%$ (Optional)
- Convenient on-screen display controls
- Defence Display

INTRODUCTION

Winmate PCAP Rack Mount Defence Display Series delivers robust performance and reliability for mission-critical applications. Available in sizes from 15" to 32", these displays feature PCAP multi-touch screens, compliant with MIL-STD 810G and MIL-STD 461E for durability in harsh environments. The rack mount design with VESA compatibility ensures seamless integration, while the defence-grade power connector (MIL-DTL-38999/1) enhances safety. Ideal for military and industrial use, the series offers resolutions up to 1920x1080, universal AC/DC power options, and convenient on-screen display controls.

SPECIFICATIONS

Display

Resolution	1280x1024	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	350.0 nits
Display Color	16.7M Colors	View Angles	85,85,80,80
Active Area	376.32x301.06 mm	Touch / Glass	Projected Capacitive Multi Touch Screen PCAP with With ITO Film (Optional)

Environment

Operating Humidity	10% to 95% RH	Operating Temperature	-20°C~60°C
Storage Temperature	-30°C~70°C	IP rating	Front IP65
TEMPEST	USA: NSA NSTISSAM TEMPEST/1-92 (optional) NATO: NATO SDIP-27 (optional)		

Compliance

MIL-STD 461G	USA MILSTD461G CE101, CE102, RE101, RE102, CS118 (Default) MILSTD461G CS101, CS106, CS109, CS114, CS115, CS116, RS101, RS103 (Optional) NATO STANAG 4370/AECTP501 NCE01, NCE02, NRE01, NRE02, NCS12 (Default) STANAG 4370/AECTP501 NCS01, NCS07, NCS08, NCS09, NRS01, NRS02 (Optional)	MIL-STD 810H	USA: MIL-STD-810H (default): Vibration Method 514.6 Humidity Method 507.6 Transit Drop Method 516.6 NATO (optional): Vibration Test STANAG 4370/AECTP-401 Shock STANAG 4370/AECTP-402 Procedure I Drop and Topple Test STANAG 4370/AECTP-404
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Certification

Certification	CE, FCC
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IO Ports

USB Port	1 x USB for Touch Screen	Video	1 x VGA 5 x BNC (R,G,B,H,V) 1 x DVI-D
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Mechanical

Dimension	482.6 x 399.3 x 79.6 mm	Mounting	Rack mount VESA mount (Optional)
Enclosure	Metal Housing with Aluminum Bezel	Cooling System	Fanless Design

Accessory

Accessory	1 x User Manual(Hardcopy) 1 x Power Cord MIL-DTL-38999/1 1 x VGA Cable 1 x DVI Cable 1 x VGA to 5 BNC Shielding Cable
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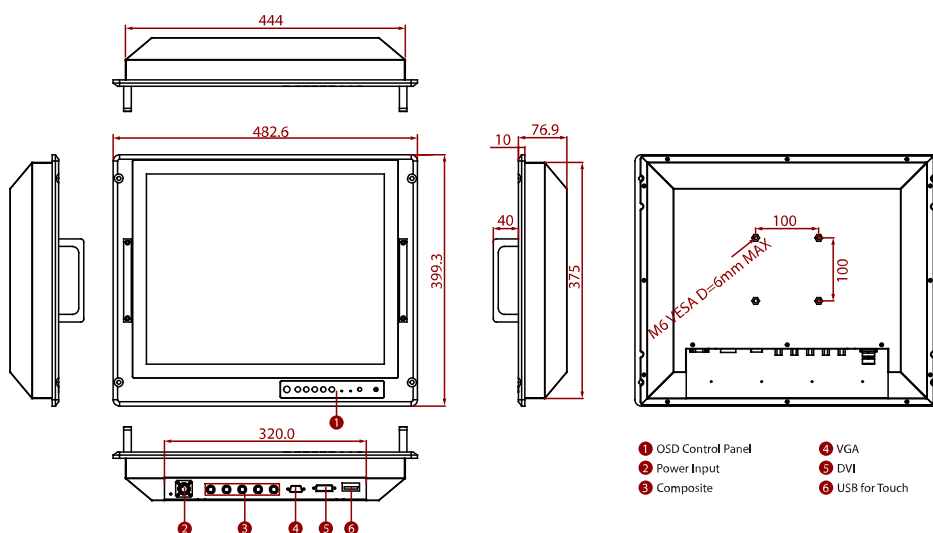
Power

Power Rating	AC 100~240V, Universal, $\pm 10\%$ DC 9~36V, $\pm 10\%$ (Optional)
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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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DIMENSIONS UNIT:MM



NOTE

1. 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.