W24L100-RKS1ML

24" Rack Mount Protective Glass Defence Display

KEY FEATURES

- Compliant MIL-STD 810G/ MIL-STD 461E, Rack Mount Defence Display
- Rack mount mechanical design, supports VESA mount
- High image quality, 1920 x 1200 pixels resolution
- AR protection glass
- Defence-grade power connector (MIL-DTL-38999/1)
- AC 100~240V, Universal, ±10%; DC 9~36V, ±10% (Optional)
- Resistive Touch (Optional)
- Build-in Light Sensor for Auto Brightness Control
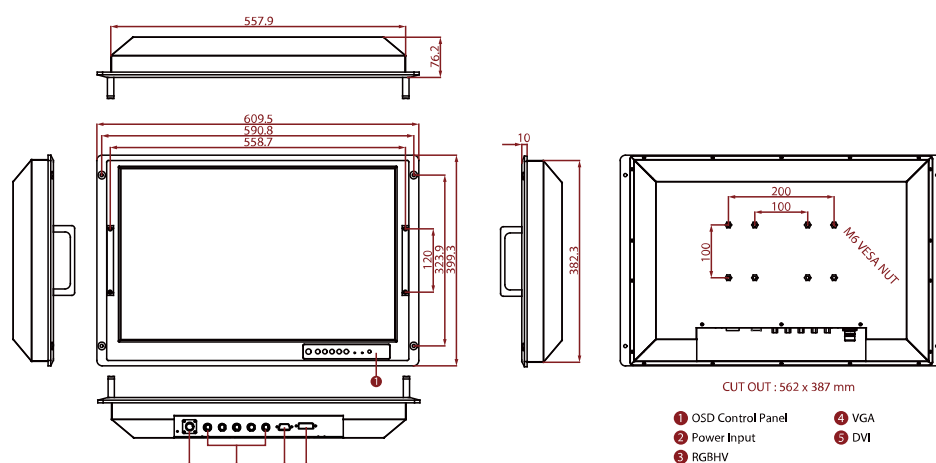
INTRODUCTION

Winmate Rack Mount Protective Glass Defence Display Series is built for durability and high performance in demanding defense applications, with sizes ranging from 17" to 32". Featuring MIL-STD 810G and MIL-STD 461E compliance, this series includes AR protection glass for glare reduction and enhanced durability. With high-resolution displays, rack mount and VESA mounting options, defense-grade power connectors, and auto brightness control via a built-in light sensor, these displays deliver exceptional clarity, reliability, and adaptability for mission-critical environments.

SPECIFICATIONS

Display

Resolution	1920x1200	**Size**	24.0 inches
Contrast Ratio	1000:1	**Panel Brightness**	300.0 nits
Display Color	16.7M Colors	**View Angles**	89,89,89,89
Active Area	518.4x324.0 mm	**Touch / Glass**	AR Protection Glass EMI ITO Glass (Optional) 5-wire Resistive Touch (Optional) 5-wire Resistive Touch with EMI Mesh Filter (Optional)

Environment

Operating Humidity	10% to 95% RH	**Operating Temperature**	0~50°C
Storage Temperature	-10°C~60°C	**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 Method516.6 NATO (optional): Vibration Test STANAG 4370/AECTP-401 Shock STANAG 4370/AECTP-402 Procedure I Drop and Topple Test STANAG 4370/AECTP-404

Certification

Certification	CE, FCC		
IO Ports			
Video	1 x 15 Pin D-Sub 5 x BNC 1 x DVI-D		
Mechanical			
Dimension	609.5 x 399.3 x 76.2 mm	Mounting	VESA mount Panel mount (Optional)
Enclosure	Metal Housing with Aluminum Bezel	Cooling System	Fanless Design
Power			
Power Rating	AC 100~240V, Universal, ±10% DC 9~36V, ±10% (Optional)		
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		
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		

DIMENSIONS   UNIT:MM

CUT OUT : 562 x 387 mm

1 OSD Control Panel   4 VGA
2 Power Input   5 DVI
3 RGBHV

NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. If you require an external test report, Winmate will charge an NRE fee.
3. Please contact our sales representative if you need further product information.
4. All specifications are subject to change without prior notice.
5. 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.

WINMATE
No. 18, Zhongxing S. St., Sanchong Dist., New Taipei City 241017 , Taiwan (R.O.C.)
Tel: +886-2-8511-0288
Website: www.winmate.com

Revised:V.250729.250818

2