

W43L100-MLA2FP

43" 4K2K UHD Defence Display



KEY FEATURES

- 43" Display with 4K2K UHD Rack Mount Display (3840 x 2160) native resolution
- AC 100~240V, Universal, ±10%
- Compliant MILSTD 810G/ MILSTD 461E
- Convenient onscreen display controls
- Defence grade power connector (MILDTL38999/1)
- PCAP multitouch screen
- Rack mount mechanical design, supports VESA mount

INTRODUCTION

Winmate 4K2K Defence Display Series delivers exceptional visual clarity with UHD 3840 x 2160 resolution across sizes ranging from 15.6" to 55". Designed for mission-critical applications, these displays meet MIL-STD 810G and MIL-STD 461E standards, ensuring durability and reliability in defense environments. Key features include a PCAP multi-touch screen, AR protection glass (optional), rack mount design with VESA compatibility, and a defense-grade power connector (MIL-DTL-38999/1). Ideal for secure command centers and tactical operation

SPECIFICATIONS

Display

Touch / Glass	Projected Capacitive Multi Touch Screen PCAP with With ITO Film (Optional)	Resolution	3840x2160
Size	42.5 inches	Contrast Ratio	4000:1
Panel Brightness	500.0 nits	Display Color	1.07B Colors
View Angles	89,89,89,89	Active Area	941.184x529.416 mm

Certification

Certification	CE, FCC
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Environment

Operating Humidity	10% to 95% RH	Operating Temperature	0~50°C
Storage Temperature	-10°C~60°C		

Compliance

MIL-STD 461G	RE101 / RE102 CE101 / CE102 CS118 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	MIL-STD 810H	Vibration Method 514.8 Humidity Method 507.6 Transit Drop Method516.8
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IO Ports

USB Port	1 x USB for Touch Screen	Serial Port	1 x RS232 for Remote Control (Optional)
Video	1 x VGA	Audio	1 x Audio Line In (Optional)

1 x DVI
1 x Display Port 1.2
2 x HDMI 2.0 (Optional)

Mechanical

Dimension	1088.2 x 681.4 x 84.6 mm	Weight	Metal
Mounting	VESA mount/Rack mount	Enclosure	nan
Cooling System	Fanless Design		

Accessory

Accessory	1 x User Manual(Hardcopy) 1 x Power Cord MILDTL38999/1 1 x VGA Cable 1 x DVI Cable 2 x HDMI Cable 1 x DP Cable 1 x USB Cable	Optional Accessory	1 x Audio cable
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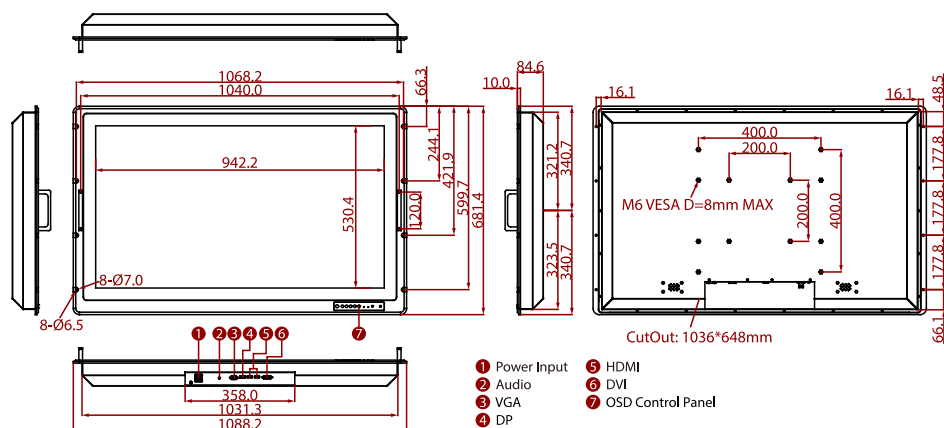
Power

Power Rating	MIL-DTL-38999/1 Connector AC 110~240V
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Control

Button	5 x Capacitive Touch Key Power Brightness+ Brightness- OSD/ Enter ESC
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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.