# **W15L100-MLB3FP**

15.6" 4K2K UHD Defence Display



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# **KEY FEATURES**

- 15.6" 4K2K Display with UHD PCAP Rack Mount Defence Display (3840 x 2160) native 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, ±10%; DC 9~36V, ±10% (Optional)

1 x USB for Touch Screen (Optional)

Convenient on-screen display controls

### 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

1 x RS232 for Remote Control (Optional)

# **SPECIFICATIONS**

USB Port

Display			
Touch / Glass	Projected Capacitive Multi Touch Screen PCAP with With ITO Film (Optional)	Resolution	3840x2160
Size	15.6 inches	Contrast Ratio	1400:1
Panel Brightness	500.0 nits	Display Color	1073.7M Colors
View Angles	89,89,89,89	Active Area	344.217x193.762 mm
Environment			
Operating Humidity	10% to 95% RH	Operating Temperature	0~50°C
Storage Temperature	-25°C~60°C		
Compliance			
MIL-STD 461E/F/G	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 810G/H	Vibration Method 514.6 Humidity Method 507.5 Transit Drop Method516.6
Certification			
Certification	CE, FCC		
IO Ports			

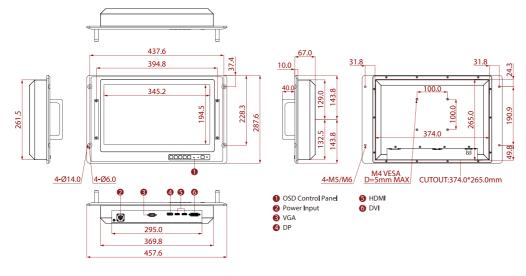
Serial Port

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

1 x Ambient Light sensor

# Accessory 1 x User Manual(Hardcopy) 1 x Power Cord MILDTL38999/1 1 x VGA Cable Accessory **Optional Accessory** 1 x Auido cable 1 x DVI Cable 2 x HDMI Cable 1 x DP Cable Power AC 100~240V, Universal, ±10% DC 9~36V, ±10% (Optional) Power Rating Control Button 1 x "Power" key to power on the device. 1 x "+" key to increase screen brightness. 1 X \* - Key to inclease 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

#### **DIMENSIONS** UNIT:MM



# 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.