

# W32L100-MLA1FP

## 32" 4K2K UHD Defence Display



### KEY FEATURES

- 32" Display with 4K2K UHD Rack Mount Display (3840 x 2160) native resolution
- Compliant MIL-STD 810G/ MIL-STD 461E
- Rack mount mechanical design, supports VESA mount
- PCAP multi-touch screen
- Military-grade power connector (MIL-DTL-38999/1)
- AC 100~240V, Universal, ±10%; DC 9~36V, ±10% (Optional)
- Convenient on-screen display controls



### SPECIFICATIONS

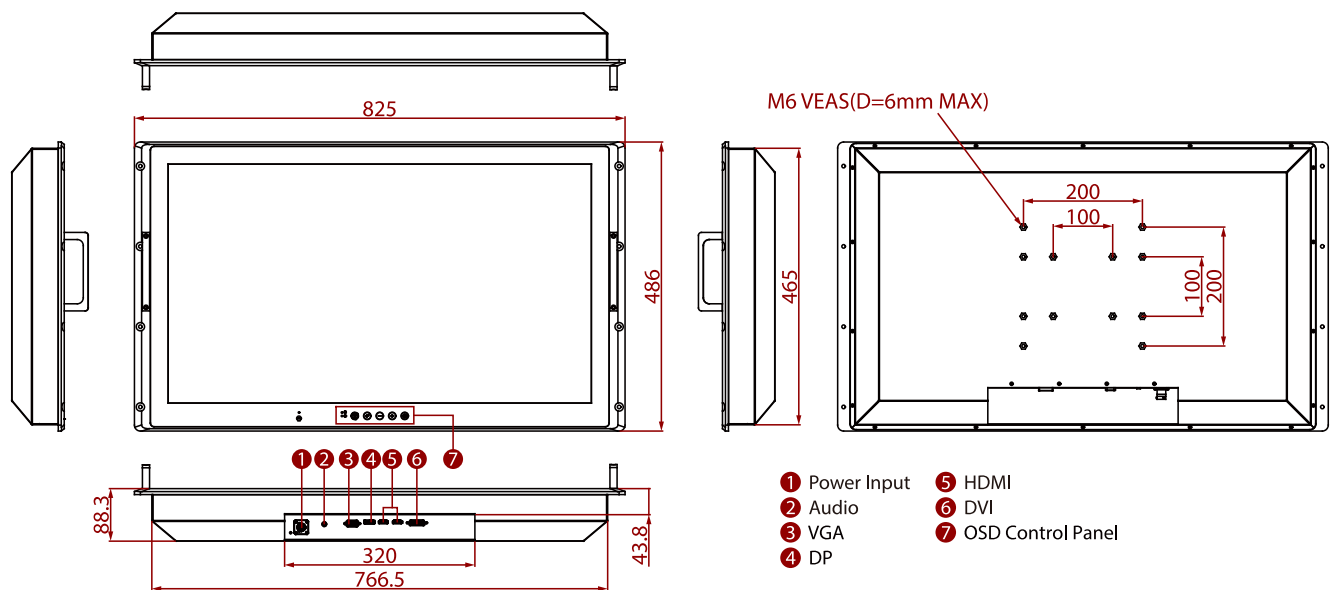
| Display             |                                                                                                                                            |                       |                                                                               |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------|
| Resolution          | 3840x2160                                                                                                                                  | Size                  | 32 inches                                                                     |
| Contrast Ratio      | 1000:1                                                                                                                                     | Panel Brightness      | 350 nits                                                                      |
| Display Color       | 1.07B Colors                                                                                                                               | View Angles           | 89,89,89,89                                                                   |
| Active Area         | 708.48 x 398.52 mm                                                                                                                         | Touch / Glass         | Projected Capacitive Multi Touch Screen<br>PCAP with With ITO Flim (Optional) |
| Certification       |                                                                                                                                            |                       |                                                                               |
| Certification       | CE, FCC                                                                                                                                    |                       |                                                                               |
| Environment         |                                                                                                                                            |                       |                                                                               |
| Operating Humidity  | 10% to 95% RH                                                                                                                              | Operating Temperature | 0~50°C                                                                        |
| Storage Temperature | -10°C~60°C                                                                                                                                 |                       |                                                                               |
| Compliance          |                                                                                                                                            |                       |                                                                               |
| MIL-STD 461E/F      | RE101 / RE102<br>CE101 / CE102<br>with EMI Glass / Touch(Optional)<br>RS101 / RS 103<br>CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116 | MIL-STD 810F/G        | Vibartion Method 514.5<br>Humidity Method 507.4<br>Transit Drop Method516.5   |
| IO Ports            |                                                                                                                                            |                       |                                                                               |
| USB Port            | 1 x USB for Touch Screen (Optional)                                                                                                        | Serial Port           | 1 x RS232 for Remote Control (Optional)                                       |
| Video               | 1 x VGA<br>1 x DVI<br>1 x Display Port 1.2<br>1 x HDMI 1.4 (Optional)<br>1 x HDMI 2.0 (Optional)                                           | Audio                 | 1 x Audio Line In (Optional)                                                  |
| Mechanical          |                                                                                                                                            |                       |                                                                               |
| Dimension           | 825 x 486 x 88.3 mm                                                                                                                        | Mounting              | VESA Mount/ Rack Mount                                                        |
| Enclosure           | Metal                                                                                                                                      | Cooling System        | Fanless Design                                                                |
| Accessory           |                                                                                                                                            |                       |                                                                               |
| Accessory           | 1 x User Manual(Hardcopy)<br>1 x Power Cord MILDTL38999/1<br>1 x VGA Cable                                                                 | Optional Accessory    | 1 x Auido cable                                                               |

1 x DVI Cable  
2 x HDMI Cable  
1 x DP Cable

| Power        |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Power Rating | AC 100~240V, Universal, $\pm 10\%$<br>DC 9~36V, $\pm 10\%$ (Optional)                |
| Control      |                                                                                      |
| Button       | 5 x Capacitive Touch Key<br>Power<br>Brightness+<br>Brightness-<br>OSD/ Enter<br>ESC |

## DIMENSIONS UNIT:MM

### Winmate W32L100-MLA1FP



## 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.