

# W32L100-RKA3ML

## 32" Rack Mount Protective Glass Defense Display

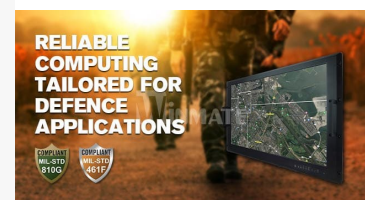


### KEY FEATURES

- Features a rack mount design with protective glass that complies with MIL-STD 810G and MIL-STD 461E standards, ensuring durability and reliability in defense applications.
- Boasts a rack mount mechanical design and supports VESA mounting, allowing for flexible installation in various settings.
- Offers high image quality with a resolution of 1920 x 1080 pixels, ensuring clear and detailed visuals
- Equipped with AR protection glass, providing enhanced durability and reducing glare for improved visibility.
- Features a defense-grade power connector compliant with MIL-DTL-38999/1 standards, ensuring secure and reliable connections in demanding environments.
- The device accepts an AC input range of 100~240V, Universal, ±10%; DC 9~36V, ±10% (Optional)
- Built-in light sensor for automatic brightness control, adjusting the display based on ambient light conditions



### OVERVIEW



#### Reliable Computing Tailored for Defence Applications

To meet the regulatory requirements of the Defence and defense, all Winmate's Defence Console Rack Displays are built and tested according to MIL-STD-810G environmental and MIL-STD 461F EMC standard. Winmate performs in-house reliability test to ensure optimal performance in harsh defence environments.



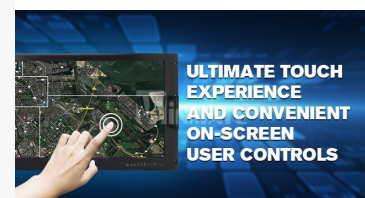
#### Command Center Focused Design

Increase the efficiency of the command center and control room personnel. Built your ergonomic command console that complies with Defence and defense precise needs with Defence Console Rack Displays that feature rack mount mechanical design (8U).



#### Defence Grade Connectors for Compatibility with Existing Defence Systems

The Defence Console Rack Displays come with MIL-DTL-38999 type I power input connector & high-performance cylindrical connector for cable-to-panel applications in the defence, air traffic control, or other mission-critical situations. Compatible with existing defence systems.



#### Ultimate Touch Experience and Convenient On-Screen User Controls

The Defence Console Rack Displays feature a user-friendly touchscreen and physical OSD buttons for fast access to the central control located on the front panel.



#### Auto Brightness Control with Built-in Light Sensor

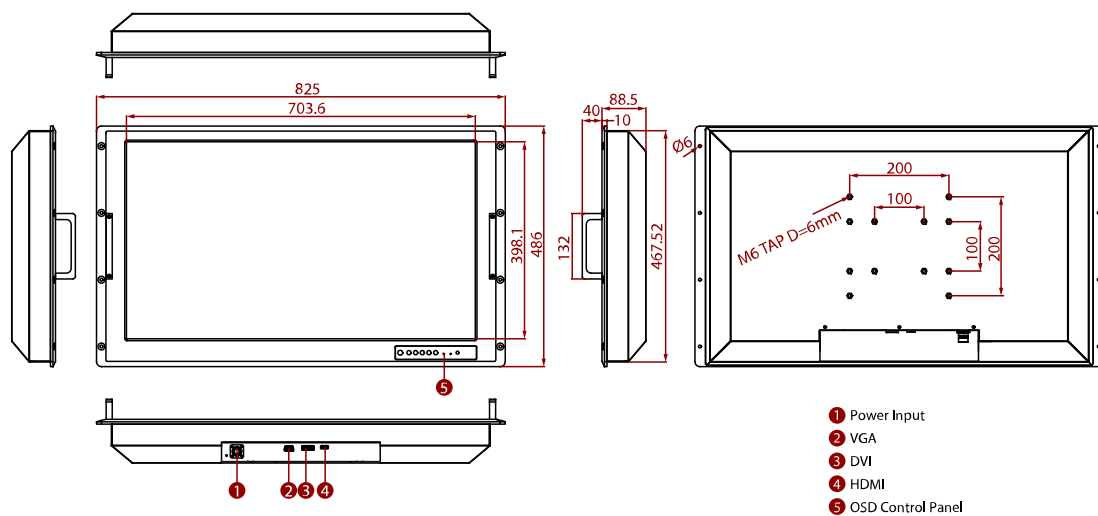
The Defence Console Rack Displays feature a built-in light sensor for auto-brightness control. The screen brightness effortlessly changes with the lighting conditions throughout the day.

### SPECIFICATIONS

Display
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<b>Resolution</b>	1920x1080	<b>Size</b>	32.0 inches
<b>Contrast Ratio</b>	4000:1	<b>Panel Brightness</b>	400.0 nits
<b>Display Color</b>	16.7M Colors	<b>View Angles</b>	89,89,89,89
<b>Active Area</b>	698.4x392.85 mm	<b>Touch / Glass</b>	AR Protection Glass
<b>Environment</b>			
<b>Operating Humidity</b>	10% to 95% RH	<b>Operating Temperature</b>	0~50°C
<b>Storage Temperature</b>	-10°C~60°C		
<b>Compliance</b>			
<b>MIL-STD 461E/F/G</b>	RE101 / RE102 CE101 / CE102 CS118 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	<b>MIL-STD 810G/H</b>	Vibration Method 514.6 Humidity Method 507.5 Transit Drop Method516.6
<b>Certification</b>			
<b>Certification</b>	CE, FCC		
<b>IO Ports</b>			
<b>Video</b>	DVI, VGA HDMI (Optional)		
<b>Mechanical</b>			
<b>Dimension</b>	825 x 486 x 88.5 mm	<b>Mounting</b>	VESA Mount/ Rack Mount
<b>Enclosure</b>	Metal	<b>Cooling System</b>	Fanless Design
<b>Power</b>			
<b>Power Rating</b>	AC 100~240V, Universal, ±10% DC 9~36V, ±10% (Optional)		
<b>Accessory</b>			
<b>Accessory</b>	User Manual(Hardcopy) Power Cord MIL-DTL-38999/1 (2m) VGA Cable (2m) DVI Cable (2m) HDMI Cable (2m)		
<b>Control</b>			
<b>Button</b>	7 key: Power Decrease Increase Exit/ Auto Menu Day/ Night Lock/ Unlock		

## 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.