

# M320TF-MIL

## 32" 4K UHD Chassis Defence Display



### KEY FEATURES

- 32" 4K UHD Chassis Defence Display (3840 x 2160) native resolution for video display and other on-site applications
- Thin and Compact Design with impact resistant screen
- AR glass, PCAP touch optional , 4K UHD Chassis Defence Display
- Fanless and ventless design, easy-to-clean
- Compatible with existing imaging systems
- Build-in Light Sensor for Auto Brightness Control



### SPECIFICATIONS

| Display             |                                                                                                                                            |                       |                                                                             |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------|
| Touch / Glass       | AR Glass<br>Projected Capacitive Multi Touch Screen (Optional)<br>EMI Touch/Glass (Optional)                                               | Resolution            | 3840x2160                                                                   |
| Size                | 32 inches                                                                                                                                  | Contrast Ratio        | 1000:1                                                                      |
| Panel Brightness    | 350 nits<br>700 nits(Optional)                                                                                                             | Display Color         | 1.07B Colors                                                                |
| View Angles         | 89,89,89,89                                                                                                                                | Active Area           | 708.48 x 398.52 mm                                                          |
| 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                                                           |
| Mechanical          |                                                                                                                                            |                       |                                                                             |
| Dimension           | 777.58 x 477.62 x 48 mm                                                                                                                    | Mounting              | VESA Mount                                                                  |
| Enclosure           | Metal                                                                                                                                      | Cooling System        | Fanless Design                                                              |
| Accessory           |                                                                                                                                            |                       |                                                                             |

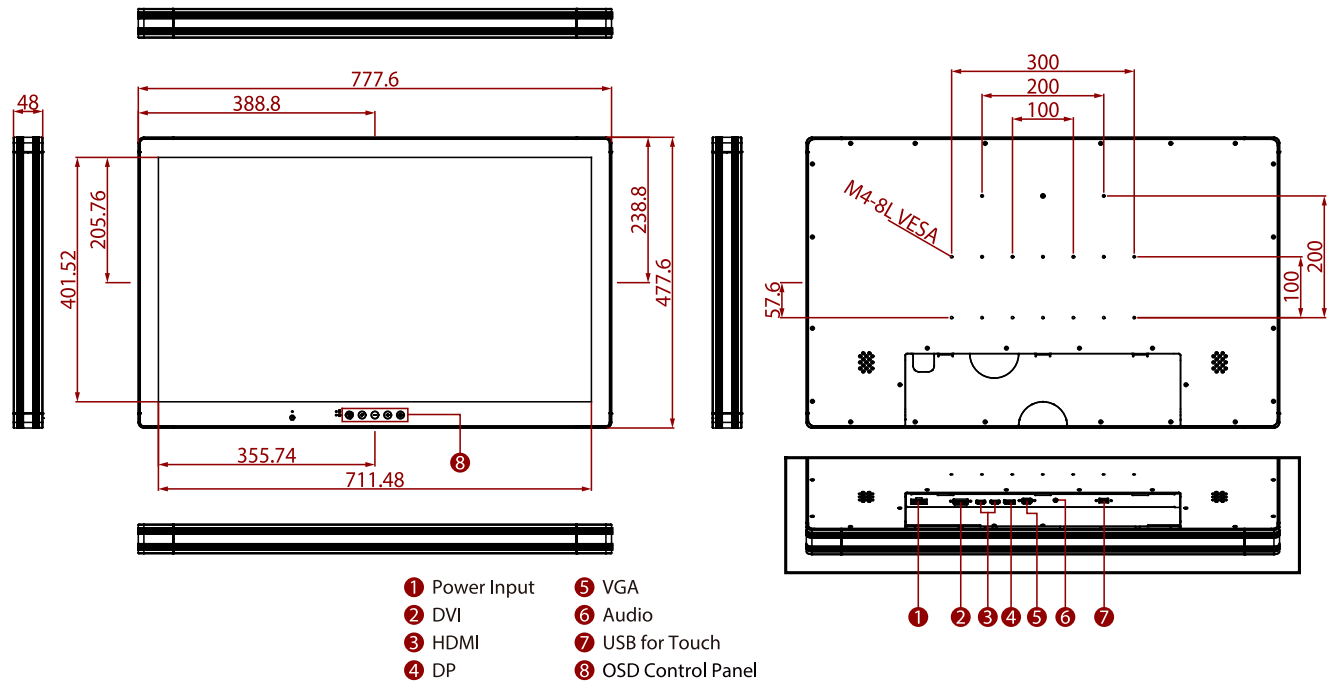
**Accessory**      User Manual(Hardcopy)  
VESA Mounting Screws (M4 x10 /M4 x 12)  
Power Cord 1.8M  
AC Adaptor  
Power Convert Cable  
VGA Cable 1.8M(Male to Male)  
Dual Link DVI Cable 1.8M (Male to Male)  
COM Cable 1.8M (Male to Female)

**Optional Accessory**    USB cable for Touch (Optional)

**Power**

**Power Rating**      24V DC in

**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.