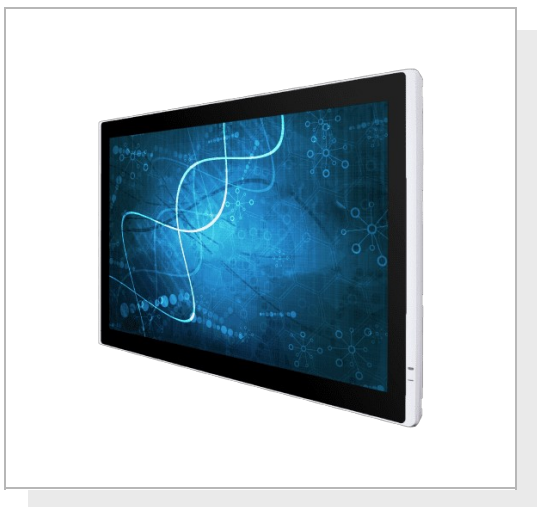


# W32L100-PTA1-SDI

## 32" SDI Multi-Touch Color Surgical Display



### KEY FEATURES

- 32" Display with 4K UHD (3840 x 2160) native resolution
- Projected Capacitive Touch
- Bottom side keys x 5
- Fanless and Ventless design, Easy-to-Clean
- Support 12G-SDI , HDMI (Optional) , DP variety signal input
- Front IP65



### SPECIFICATIONS

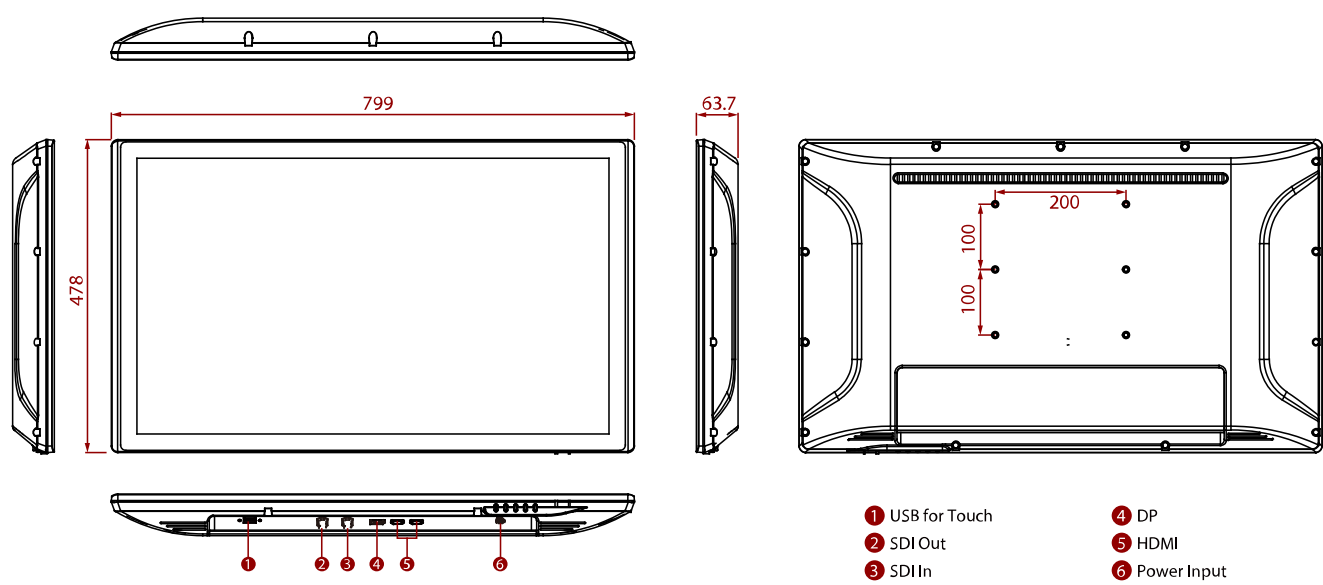
| Display             |                                                                                                                                                                                                                                                                                                                                                                           |                       |                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------|
| 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 |
| Environment         |                                                                                                                                                                                                                                                                                                                                                                           |                       |                                         |
| Operating Humidity  | 10% to 90% RH, non-condensing                                                                                                                                                                                                                                                                                                                                             | Operating Temperature | 0°C to 35°C                             |
| Storage Temperature | -20 °C to 60 °C                                                                                                                                                                                                                                                                                                                                                           |                       |                                         |
| Certification       |                                                                                                                                                                                                                                                                                                                                                                           |                       |                                         |
| Certification       | CE, FCC                                                                                                                                                                                                                                                                                                                                                                   |                       |                                         |
| Compliance          |                                                                                                                                                                                                                                                                                                                                                                           |                       |                                         |
| Compliance          | IEC 60601-1:2005 + A1:2012 (Ed. 3.1)<br>IEC 60601-1-6:2010 + A1:2013 (Ed. 3.1)<br>IEC 62366:2007 + A1:2014 (Ed. 1.1)<br>ANSI/AAMI ES60601-1:2005/A1:2012 and C1:2009/(R)2012 and A2:2010/(R)2012<br>CAN/CSA-C22.2 No.60601-1:14<br>EN 60601-1-2:2015, IEC 60601-1-2:2014 (Ed. 4.0)<br>EN 55032/EN 55024, FCC part 15B<br>EN 62368-1:2014<br>RoHS-2, REACH, WEEE compliant |                       |                                         |
| IO Ports            |                                                                                                                                                                                                                                                                                                                                                                           |                       |                                         |
| USB Port            | 1 x USB for Touch Screen                                                                                                                                                                                                                                                                                                                                                  | Serial Port           | 1 x RS232 (Optional)                    |
| Video               | 1 x 12G-SDI In<br>1 x 12G-SDI Loop Out<br>1 x Display Port 1.2<br>1 x HDMI 1.4 (Optional)<br>1 x HDMI 2.0 (Optional)                                                                                                                                                                                                                                                      | Audio                 | 2 x Speaker                             |
| Mechanical          |                                                                                                                                                                                                                                                                                                                                                                           |                       |                                         |
| Dimension           | 799 x 478 x 63.7 mm                                                                                                                                                                                                                                                                                                                                                       | Mounting              | VESA Mount                              |
| Enclosure           | Plastic                                                                                                                                                                                                                                                                                                                                                                   | Cooling System        | Fanless Design                          |
| Accessory           |                                                                                                                                                                                                                                                                                                                                                                           |                       |                                         |

|              |                                     |                    |                        |
|--------------|-------------------------------------|--------------------|------------------------|
| Accessory    | User Manual (Hardcopy)              | Optional Accessory | RS232 Cable (Optional) |
|              | 110~240V AC Power Adapter           |                    |                        |
|              | Power Cord                          |                    |                        |
|              | Display Port Cable                  |                    |                        |
|              | SDI Cable                           |                    |                        |
|              | HDMI Cable                          |                    |                        |
|              | USB Cable for Cable                 |                    |                        |
|              | Remote Controller                   |                    |                        |
| Power        |                                     |                    |                        |
| Power Rating | 24V DC in                           |                    |                        |
| Control      |                                     |                    |                        |
| Button       | 5 Keys: - , + , Power , Esc , Enter |                    |                        |

DIMENSIONS

UNIT:MM

Winmate W32L100-PTA1



- NOTE**
1. This is a simplified drawing and some components are not marked in detail.
  2. 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.
  3. All specifications are subject to change without prior notice.