W32L100-PTA1

32" Multi-Touch Color Surgical Display

KEY FEATURES

- 32" Multi-Touch Color Surgical Display (3840 x 2160) native resolution
- Projected Capacitive Touch
- Bottom side keys x 5
- Fanless and Ventless design, Easy-to-Clean, Multi-Touch Color Surgical Display
- Support VGA , DVI , HDMI , DP variety signal input
- Support IR Remote controller
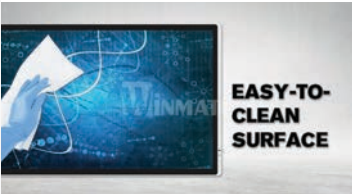- Housing with antimicrobial properties
- Front IP65

OVERVIEW

Healthcare Approved

Winmate's Healthcare Display complies with several international healthcare and patient safety standards UL60601/ISO13485. These displays can be found in health centers, clinical research laboratories, and patient care units. Plus, the antimicrobial housing helps to prevent the spread of bacteria and contaminants.

Easy-to-clean Surface

The flat surface simplifies the disinfection process. Cleaning liquids can be used on the screen to maximize safety and hygiene. Plus, white-colored housing makes it easy for users to detect and remove dust or other foreign substances.

Perfect Medical Image Reproduction

The high-resolution LCD screen with wide-viewing angles offers sharp and bright images to deliver spectacular contrast and colors for surgical operations, diagnosis, and clinical review applications.

Ergonomic Design and Easy Installation

The display features a sleek, lightweight design that is compatible with VESA mounting options. The low-cost installation of these displays can be used in a broad range of applications. The display can be installed vertically or horizontally to suit any environment.

Intuitive User Controls

The PCAP multi-touch technology allows the use of multiple fingers at the same time. Take full advantage of the multi-touch screen and scroll, tap, zoom in or zoom out of medical images for precise diagnostics and better prevention measures.

SPECIFICATIONS

Display			
Resolution	3840x2160	Size	32.0 inches
Contrast Ratio	1000:1	Panel Brightness	350.0 nits

Display Color	1.07B Colors	**View Angles**	89,89,89,89
Active Area	708.48x398.52 mm	**Touch / Glass**	Projected Capacitive Multi Touch Screen (AG)

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	IEC 60601-1:2005 + A1:2012 (Ed. 3.1) IEC 60601-1-6:2010 + A1:2013 (Ed. 3.1) IEC 62366:2007 + A1:2014 (Ed. 1.1) ANSI/AAMI ES60601-1:2005/A1:2012 and C1:2009/(R)2012 and A2:2010/(R)2012 CAN/CSA-C22.2 No.60601-1:14 EN 60601-1-2:2015, IEC 60601-1-2:2014 (Ed. 4.0) EN 55032/EN 55024, FCC part 15B EN 62368-1:2014 RoHS-2, REACH, WEEE compliant

IO Ports

USB Port	1 x USB 2.0	**Serial Port**	1 x RS-232
Video	1 x Dual DVI In 1 x DP 1.2 Out 1 x DP 1.2 In 1 x VGA In 1 x SDI in 1 x SDI out 1 x HDMI 1.4 (Optional) 1 x HDMI 2.0 (Optional)	**Audio**	1 x Mic In 1 x Line Out 2 x Speaker
GPIO	1 x RJ-11		

Mechanical

Dimension	799 x 478 x 63.7 mm	**Weight**	18.5 kg
Mounting	VESA Mount	**Enclosure**	Plastic
Cooling System	Fanless Design		

Accessory

Accessory	Remote Control User Manual VESA Mounting Screws 24 Volt Power Supply Power Cable VGA Cable DVI Cable SDI Cable DC Jack to Open Wire Cable RS232 Cable	**Optional Accessory**	USB Cable for Touch (Optional)

Power

Power Rating	24V DC in

Control

Button	5 Keys: - , + , Power , Esc , Enter

DIMENSIONS   UNIT:MM

❶ Power 5V DC out	❼ SDI out	⑬ HDMI 1.4
❷ USB 2.0	❽ SDI in	⑭ Dual DVI in
❸ RS232	❾ HDMI 2.0	⑮ 24V DC in
❹ Mic in	⑩ VGA	⑯ Switch
❺ Line out	⑪ DP 1.2 in	
❻ RJ11	⑫ DP 1.2 out	

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