Wireless Networking

Wireless LAN

The Medical-Grade Integrated LCD System is often delivered with an embedded (user-inaccessible) 802.11ac WLAN adapter equipped with a hidden custom antenna.

- Through the support of typical WLAN adapters, the Medical-Grade Integrated LCD System should be able to detect all 802.11 access points in the vicinity for you to select the access point of your choice for connection.
- The SSID and WEP/WPA/WPA2 (if enabled) parameters on the Medical-Grade Integrated LCD System and the access points have to match. The SSID is case-sensitive and it is recommended that you enable WEP/WPA/WPA2 encryption (or advanced alternatives) for secure access.
- When WEP/WPA/WPA2 is enabled, you may need to consult your network administrator or your networking equipment literature to properly configure associated settings such as Authentication mode, etc.
- Refer to the access point operating manuals for setting up the 802.11 access points.

Cleaning the Screen

- A screen cleaning solution that is alcohol-free and non-abrasive can be used to clean the touch screen.
- Cleaning with a micro-fiber cloth is recommended.
- Please spread the solution onto the cloth and then clean the touch screen.

Cleaning the Anti-microbial Enclosure

- Use a soft/non-abrasive cloth moistened with water to clean the enclosure.
- To prevent scratching the anti-microbial coating, please wipe gently.

LEARN MORE AT energystar.gov

As an ENERGY STAR® Partner, DT Research Inc. follows the EPA's product qualification and certification process to ensure the products marked with the ENERGY STAR® logo are ENERGY STAR® qualified for energy efficiency.

The ENERGY STAR® program specifications for computers were to promote energy efficiency and reduce air pollution through more energy-efficient equipment in homes, offices, and factories. One way products achieve this goal is by using the Microsoft Windows power management feature to reduce power consumption when the product is not in use. The power management feature enables the computer to initiate a low-power or "sleep" mode after a period of user inactivity.

To take advantage of these potential energy savings, users should use the default power management settings that are provided with ENERGY STAR qualified computers. The default power management settings on ENERGY STAR® qualified computers are preset to behave in the following ways :

- Turn off display after 10 minutes of user inactivity.
- Initiate a low power sleep mode for the computer after 30 minutes of user inactivity.
- Briefly press the power button will bring the computer out of sleep mode.

Additional information on the ENERGY STAR® program, its environmental benefits and the potential energy and financial savings of the power management feature can be found on the EPA ENERGY STAR® Power Management Web site at http://www.energystar.gov/powermanagement.

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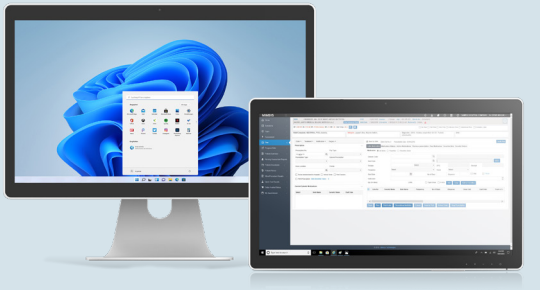
DT Research

Medical-Grade Integrated LCD System



BASIC OPERATION GUIDE

502T

INTRODUCTION

Thank you for acquiring DT Research's Medical-Grade Integrated LCD System. With a 21.5" TFT-LCD display and powered by an Intel® Pentium® or Core™ i processor, the Medical-Grade All-In-One Computer series offer an optimal functionality combining excellent performance and power-saving capability. With fully-integrated point-of-care modules within an elegant, space-saving enclosure, the Medical-Grade Integrated LCD System is ideal for hospitals and clinics to efficiently manage patient data while enhancing workflow and service.

Please take a few moments to review the contents of this document to ensure that the setup and startup proceed smoothly. The Medical-Grade Integrated LCD System is ready for use, out of the box, in its default configuration when powered by the power source provided. The following documentation offers guidance on the hardware elements and features of the computer. Please refer to your device provider for information pertaining to the software operating system or software applications.

PACKAGE CONTENTS

- 502T
- AC-DC power adapter with power cord
- Basic operation guide

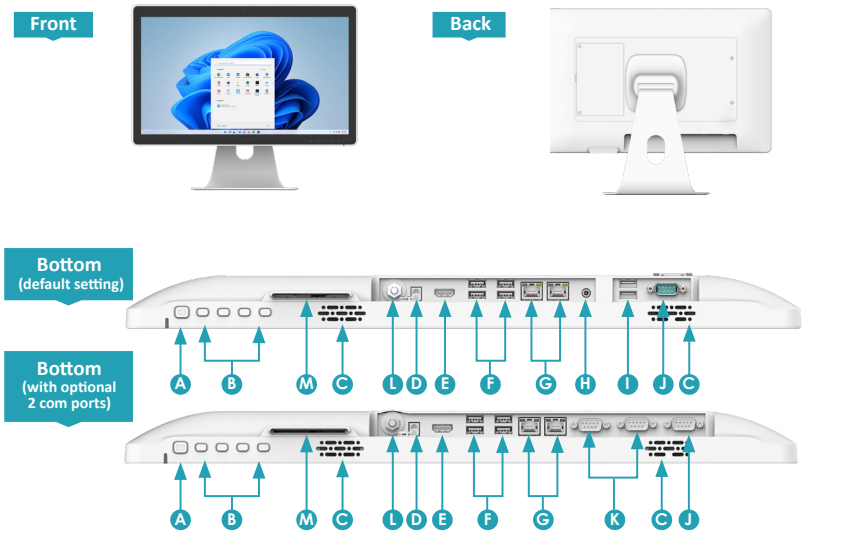
CLASSIFIED C UL US
3VN8
E354779

MEDICAL – GENERAL MEDICAL EQUIPMENT
AS TO ELECTRICAL SHOCK, FIRE AND MECHANICAL HAZARDS ONLY IN ACCORDANCE WITH ANSI/AAMI ES60601-1 (2005) + AMD (2012) & "CAN/CSA-C22.2 No. 6060-1 (2008) + (2014)

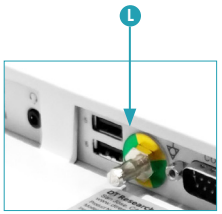
I/O Ports

The Medical-Grade Integrated LCD System has a comprehensive set of I/O ports located at the bottom side of the unit.

502T



A Power button	H Audio jack
B Programmable buttons	I USB 2.0 ports
C Speakers	J COM port (default)
D DC-in	K COM ports (optional)
E HDMI output	L Potential equalization conductor (optional)
F USB 3.0 ports	M Smart Card/CAC Reader
G Ethernet ports (RJ45)	



PRECAUTIONS

- Always exercise care when operating and handling the Medical-Grade Integrated LCD System.
- Never disassemble any portion of the enclosure, as this will void any product warranty on the Medical-Grade Integrated LCD System.
- Do not use any AC/DC adapter other than the one provided with the device or a replacement acquired from the manufacturer.
- In the unlikely event that smoke, abnormal noise or strange odor is present, immediately power down the Medical-Grade Integrated LCD System and disconnect all power sources. Please report the problem to your device provider immediately.

BASIC FEATURES

The Medical-Grade Integrated LCD System integrates a high-brightness 21.5” display with a high-performance system and USB ports to satisfy the varying needs for comprehensive point-of-care applications.

Attach The Tabletop Stand (Optional)

1. Insert the top two tabs of the tabletop stand into the top two open slots on the 502T back panel.
2. Push the latch to pivot the two lower tabs of the tabletop stand.
3. Push the two lower tabs into the two lower slots on the 502T back panel. Make sure the latch locks back into position so the stand is securely attached.

Detach the Tabletop Stand (Optional)

1. Push the latch to pivot the two lower tabs.
2. Pull out the two lower tabs, then the two upper tabs from the 502T back panel.

Powering ON and OFF

Please use the AC-DC adapter with the Medical-Grade Integrated LCD System for the power supply. To activate the Medical-Grade Integrated LCD System, push and quickly release the Power Button and the display will come on in a few seconds. To put in Standby mode, push and quickly release the Power Button. To turn off for extended storage, power off the device safely using any software function that “shuts down computer” provided in the software operating system.

NOTE:
To conserve power, use (push and quick release) the Power Button to put the device in “Standby” mode while not in use. Pushing briefly on the same button will wake up the system within seconds.

NOTE:
Avoid using the Power Button (“hold 4+ seconds” feature) to turn off the device — this form of hardware shutdown is intended to be a means of recovery from device lockups, and not as normal operation.