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 screen.
- Cleaning with a micro-fiber cloth is recommended.
- Please spread the solution onto the cloth and then clean the screen.

Cleaning the Anti-microbial Enclosure

- Use a soft/non-abrasive cloth moistened with water to clean the enclosure.
- If using a cleaner, an alcohol-free and oxide-free cleaning liquid is recommended.
- To prevent scratching the anti-microbial coating, please wipe gently.

DT Research
www.dtresearch.com

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2000 Concourse Drive, San Jose, CA 95131
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BOG072324 502TF ENG

DT Research

Medical-Grade Integrated LCD System

BASIC OPERATION GUIDE

502TF

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

- 502TF
- 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

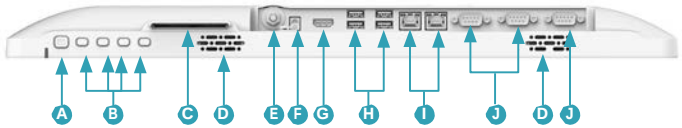
The Medical-Grade Integrated LCD System has a comprehensive set of I/O ports located at the bottom side of the unit.

502TF

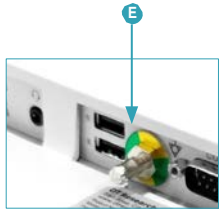
Front

Back

Bo◆om



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



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 502TF 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 502TF 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 502TF 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.

Federal Communication Commission Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits aredesigned to provide reasonable protection against harmful interference ina residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operatethis equipment.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating inconjunction with any other antenna or transmitter.

RF Exposure Compliance

To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 200mm the radiator your body: Use only the supplied antenna.

Indoor Client 6XD statement

1. FCC regulations restrict the operation of this device to indoor use only.
2. The device will only associate and connect with a low-power indoor access point or subordinate device and never directly connect to other client devices.
3. The device will always initiate transmission under the control of a low-power indoor AP or subordinate except for brief transmissions before joining a network. These short messages will only occur if the client has detected an indoor AP or subordinate operating on a channel. These brief messages will have a time-out mechanism such that if it does not receive a response from an AP it will not continually repeat the request.
4. transmissions will be lower or equal to the power advertised by the indoor low-power access point or subordinate and never above the maximum output power allowed by the FCC grant for equipment class 6XD.
5. Prohibited for control of or communications with unmanned aircraft systems, including drones.

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Unique Identifier Trade Name:

Model No.: 502TF

Responsible Party – U.S. Contact Information

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http://www.dtresearch.com