

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 are designed to provide reasonable protection against harmful interference in a 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 the following 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 operate this equipment.

This device complies with Part 15 of the FCC Rules.

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 in conjunction with any other antenna or transmitter.

This Class [B] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

DT313H/ DT313H-MD

BASIC OPERATION GUIDE

ENGLISH



INTRODUCTION

Thank you for acquiring the latest addition to DT Research's line of tablets — the DT313H/ DT313H-MD. Featuring a slim, robust enclosure, the DT313H/ DT313H-MD with 13.3" TFT display is powered by the Intel® Core™ i7 processor, offering optimal combinations of performance and power savings.

The DT313H/ DT313H-MD is available with Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, Windows® Embedded Standard 8 or Windows® 8.1 Industry Pro operating systems. Each software operating system features web browser, client/ server computing software, media player, accessories, and applications support.

PACKAGE CONTENTS

- One DT313H/ DT313H-MD with Internal Battery Pack and Handstrap
- Capacitive Touch Stylus
- AC-DC Power Adapter with Power Cord
- Basic Operation Guide

Major options, depending on configuration:

- Desktop Charging Cradle with DC-in Power Jack, Video-out, Ethernet and USB Ports
- External Battery Pack and Battery Charger Kit

* If your DT313H/ DT313H-MD contains Smart Card Reader, RFID Reader or Front/Back Camera modules, please refer to the **Tablet Modules Basic Operation Guide** for detailed operation.

The DT313H/ DT313H-MD



The DT313H/ DT313H-MD



Input/ Output Ports

- A** USB 3.0 Port
- B** Microphone-in
- C** Headphone-out
- D** DC-in
- E** Full-slot smart card reader

Button Functions

BUTTON	ACTION
1	programmable button
2	power button
3	Wi-Fi switch

Power/Battery LED Status:

- Blue indicates the battery is 25% to 100% charged
- Blinking blue indicates the battery is charging
- Orange indicates that the battery is between 11% to 25%
- Blinking Orange indicates that the battery is below 10%

Precautions

- Always exercise care when operating and handling the DT313H/ DT313H-MD.
- Do NOT apply excessive pressure to the display screen.
- Avoid prolonged exposure of the display panel to any strong heat source. Wherever possible, the DT313H/ DT313H-MD should face away from direct light to reduce glare.
- If the AC-DC power adapter is used to recharge or power the tablet, do NOT use any AC-DC adapter other than the one provided or acquired from the manufacturer or its partners.
- In the unlikely event that smoke, abnormal noise, or strange odor is present, immediately power off the DT313H/ DT313H-MD and disconnect all power sources. Report the problem to your device provider immediately.
- Never attempt to disassemble the DT313H/ DT313H-MD, as this will void the warranty.

THE DT313H/ DT313H-MD

Basic Features

The DT313H/ DT313H-MD wireless tablet integrates a bright and multi-touch display, one USB port, and embedded networking elements such as wireless LAN and Bluetooth. The DT313H/ DT313H-MD is complemented by a suite of accessories, including battery expansion, charging cradles, and battery charger kit, for a comprehensive user experience.

A DT313H/ DT313H-MD typically integrates an 802.11a/b/g/n wireless LAN (WLAN) adapter that may connect to other wireless devices or access points. If your DT313H/ DT313H-MD does not come with such a network adapter, please consult your device provider to establish the desired network connectivity

OPERATION

Internal Battery

Warning! 

The Internal battery pack should only be replaced by an authorized DT Research service representative. Please contact your product and/or service provider for internal battery replacement service.

Powering ON and OFF

To activate the DT313H/ DT313H-MD, push and quickly release the Power Button. The display will come on in a few seconds. To put the DT313H/ DT313H-MD in Standby mode, push and quickly release the Power Button. To turn the DT313H/ DT313H-MD off for extended storage, power off safely using any software function that “shuts down computer” provided in the software operating system.

NOTE:

The battery packs shipped with your tablet may be low in power—please use the AC-DC adapter with the DT313H/ DT313H-MD when setting up for the first time to fully charge the internal battery pack. You may charge the external battery pack with it attached to the DT313H/ DT313H-MD, or with the optional external battery charger kit.

NOTE:

When the battery pack(s) is (are) charging, the blue-colored Battery LED should blink slowly. If plugging in the AC-DC adapter does not trigger this blinking activity and the LED stays dark, the battery pack(s) may have been drained substantially. Try unplugging/ replugging the AC-DC adapter to the DT313H/ DT313H-MD a few times to activate the charging process.

NOTE:

To conserve power, use (push and quick release) the Power Button to put the tablet 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 tablet—this form of hardware shutdown is intended to be a means of recovery from lockups, and not as normal operation.

Start Up

If the power up (from Standby or otherwise) is successful, the appropriate interface will be displayed after a launch sequence of several seconds. The wireless LAN connection may take 10-15 seconds to be established.

Configuring the Mobile Tablet

The DT313H/ DT313H-MD may be configured using the utilities and methods dictated by the software operating system. The DT313H/ DT313H-MD should be configurable for various properties such as user profiles, network features, and several system elements.

Wireless Networking

Wireless LAN

The DT313H/ DT313H-MD is often delivered with an embedded (user-inaccessible) 802.11a/b/g/n WLAN adapter equipped with a hidden custom antenna.

- Through the support of typical WLAN adapters, the DT313H/ DT313H-MD 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 DT313H/ DT313H-MD 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.

Bluetooth

The DT313H/ DT313H-MD is with the Bluetooth module supporting Bluetooth 4.0 standard including Bluetooth 3.0 High Speed and Bluetooth 4.0 Low Energy (BLE), which delivers faster speeds (up to 300 Mbps) with low power consumption.

Desktop Cradle

The DT313H/ DT313H-MD is complemented by an optional Desktop Cradle for support, pass-through charging, Video-out, and connection to a range of USB peripherals. The Cradle offers the following interfaces: a DC-in port for the AC-DC adapter, two DisplayPort outputs to support dual monitor display, an Ethernet port and USB ports. Always seat the DT313H/ DT313H-MD securely onto the cradle. The cradle must be powered by the AC-DC adapter for the Ethernet and USB ports to function. The battery packs on the DT313H/ DT313H-MD may be recharged by connecting the AC-DC adapter directly to the DC-in port on the DT313H/ DT313H-MD or through the DC-in port on the Desktop Cradle while the DT313H/ DT313H-MD is docked to the Cradle.

USING THE MOBILE TABLET

Peripherals Support

Through its USB port, the DT313H/ DT313H-MD supports a wide range of USB-based peripherals. These peripherals are applicable for software installation, applications storage, data storage, and system software recovery and updates. DT313H/ DT313H-MD is also compatible with custom mountable cradle options. These securable and mountable cradles provide an interface to VESA mounts and arms, and to ports that may include USB, Ethernet, and pass-through power.

Remote Management

Depending on software configuration, the DT313H/ DT313H-MD can be centrally managed for asset monitoring and for software control. Please consult your device provider.

For More Support

Users can download the Tablet Modules Basic Operation Guides from the DT Research website.



To Hold the Tablet

Left hand: grip the left back side of the tablet with your left hand four index fingers, with thumb resting on the top of the back side of the tablet and palm securely against the back.

Right hand: grip the right back side of the tablet with your right hand four index fingers, with thumb resting on the top of the back side of the tablet and palm securely against the back.