DT Research **Rugged Tablet**

BASIC OPERATION GUIDE

DT382GL

INTRODUCTION

The DT Research DT382GL Rugged Tablet features the integration of a high brightness 8" capacitive touch screen and a high performance yet energy efficient processor within a slim, lightweight, durable package. With built-in Wi-Fi, Bluetooth and a smart card reader as well as options for back camera, barcode scanner, this robust tablet offers seamless information capture and transmission for improved workflow. Rated IP65 and MIL-STD-810G, the DT382GL Handheld Rugged Tablet provides reliable operation in harsh, mission-critical environments.

PACKAGE CONTENTS

- One DT382GL
- One Battery Pack and Handstrap
- AC-DC Power Adapter
- Basic Operation Guide

* The actual package contents may vary depending on the configuration acquired.

DT Research, Inc.
2000 Concourse Drive, San Jose, CA 95131

www.dtresearch.com

The DT382GL/ DT382GL-TR

Battery/ Power LED

Input/ Output Ports

(A) USB Type-C Port (power input)

(B) Audio Jack

(C) USB Port

Data Capture Modules

(D) Smart Card Reader

(E) Barcode Scanner (optional)

(F) Back Camera (optional)

Button Functions

BUTTON	ACTION
1	Power Button
2	Windows Key Button
3	Programmable Buttons
4	Brightness Control Buttons
5	Trigger Button/ Programmable Button
6	Barcode Scanner Trigger Button/ Programmable Button

PRECAUTIONS

- Always exercise care when operating and handling the DT382GL

- Do not disassemble any portion of the DT382GL, as this will void any product warranty.

- Do not use any power adapter or charging cradle other than the one provided with the tablet or acquired from the manufacturer or its partners.

- In the unlikely event that abnormal noise, strange odor, or smoke is present, immediately power down the DT382GL and disconnect all power sources. Please report the problem to your device provider immediately.

OPERATION

Powering ON and OFF

To activate DT382GL, push and quickly release the Power Button. The display will come on in a few seconds. To put the DT382GL in standby mode, push and quickly release the Power Button. To turn the DT382GL 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 DT382GL when setting up for the first time to fully charge the battery pack.

> **NOTE:**
> To conserve power, push and quick release the Power Button to make the tablet in standby mode while not in use. Pushing briefly on the same butt on will wake up the system.

> **NOTE:**
> When the battery pack is 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. Unplug/ replug the AC-DC adapter to the DT382GL a few times to activate the charging process.

> **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 mode 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.

CAUTION

❖ Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

❖ Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas

Wireless Networking

Wireless LAN

The DT382GL is often delivered with an embedded (user-inaccessible) 802.11ac LAN adapter equipped with a hidden custom antenna.

- Through the support of typical WLAN adapters, the DT382GL 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 DT362G 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 Bluetooth configuration application is enabled from the System Tray or from the **Windows Mobility Center**. Follow the instructions and options provided within the application to configure and invoke Bluetooth connectivity with the corresponding peripherals.

Data Capture Module Operation Guide

If your DT382GL comes with an Reader refer to the steps below to configure the settings.

For More Support

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

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.

RF Exposure Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

The device has been tested for use against the body with 0mm separation in Specific Absorption Rate (SAR) testing.

User must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiations fixées par la FCC pour un environnement non contrôlé.

L'appareil a été testé pour une utilisation contre le corps avec une séparation de 0 mm dans le test du débit d'absorption spécifique (SAR).

L'utilisateur doit suivre les instructions d'utilisation spécifiques pour satisfaire à la conformité d'exposition RF. Cet émetteur ne doit pas être installé ou utilisé en conjonction avec une autre antenne ou un autre émetteur.

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Unique Identifier Trade Name: DT Research

Model No.: DT382GL
Responsible Party – U.S. Contact Information
DT Research, Inc.
2000 Concourse Drive, San Jose, CA 95131
http://www.dtresearch.com
FCC Compliance Statement
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.

Canada

- English:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

- French:

Le present appareilest conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The portable device is designed to meet the requirements for exposure to radio waves established by the ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.
Le dispositif portatif est conçu pour répondre aux exigences d'exposition aux ondes radio établie par le développement énergétique DURABLE. Ces exigences un SAR limite de 1,6 W/kg en moyenne pour un gramme de tissu. La valeur SAR la plus élevée signalée en vertu de cette norme lors de la certification de produit à utiliser lorsqu'il est correctement porté sur le corps.

1. the device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
2. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
3. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
4. where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.
1. le dispositif utilisé dans la bande 5150-5250 MHz est réservé à une utilisation en intérieur afin de réduire le risque de brouillage préjudiciable aux systèmes mobiles par satellite dans le même canal;
2. pour les dispositifs à antenne (s) détachable (s), le gain d'antenne maximal autorisé pour les dispositifs dans les bandes 5250-5350 MHz et 5470-5725 MHz doit être tel que l'équipement soit toujours conforme à la norme e.i.r.p. limite;
3. pour les dispositifs à antenne (s) détachable (s), le gain d'antenne maximal autorisé pour les dispositifs de la bande 5725-5850 MHz doit être tel que l'équipement soit toujours conforme à la norme e.i.r.p. les limites, le cas échéant; et
4. le cas échéant, le (s) type (s) d'antenne, le (s) modèle (s) d'antenne et l'angle (s) d'inclinaison le plus défavorable nécessaire (s) pour rester conforme (e) au p.e. L'exigence relative au masque d'élévation énoncée à la section 6.2.2.3 doit être clairement indiquée.

RF Exposure Information(RED)

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0cm must be maintained between the user's body and the handset, including the antenna.

The band 5150-5350 MHz for this device are restricted to indoor use only within all European Union countries.

Hereby, [DT Research, Inc.] declares that the radio equipment type [DT382GL] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.dtresearch.com.

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Maximum EIRP for EU

Bluetooth:2402MHz-2480MHz	14.4dBm
Bluetooth LE:2402MHz-2480MHz	2.42dBm
Wifi: 2412MHz-2472MHz/2422MHz-2462MHz	20dBm
Wifi: 5150MHz-5725MHz	22.9dBm
Wifi: 5725MHz-5875MHz	13.9dBm