BASIC OPERATION GUIDE

DT362GL

INTRODUCTION

The DT Research DT362GL Handheld Rugged Tablet features the integration of a high brightness 6" 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, GNSS and UHF RFID reader, this robust tablet offers seamless information capture and transmission for improved workflow. Rated IP65 and MIL-STD-810G, the DT362GL Handheld Rugged Tablet provides reliable operation in harsh, mission-critical environments.

PACKAGE CONTENTS

- One DT362GL
- One Battery Pack and Handstrap
- AC-DC Power Adapter
- Basic Operation Guide

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

PRECAUTIONS

- Always exercise care when operating and handling the DT362GL

- Do not disassemble any portion of the DT362GL, 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 DT362GL and disconnect all power sources. Please report the problem to your device provider immediately.

Input/ Output Ports

A	USB Type-C Port (power input)

Data Capture Modules

B	Barcode Scanner (optional)
C	Smart Card Reader
D	Back Camera (optional)
E	UHF RFID Reader (optional)

Button Functions

BUTTON	ACTION
1	power button
2	Trigger Buttons
3	Battery Latch

OPERATION

Powering ON and OFF

To activate DT362GL, push and quickly release the Power Button. The display will come on in a few seconds. To put the DT362GL in standby mode, push and quickly release the Power Button. To turn the DT362GL 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 DT362GL 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 DT362GL/ DT362Q a few times to activate the charging process.

NOTE:

For DT362GL, 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.

Wireless Networking

Wireless LAN

The DT362GL 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 DT362G 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 DT362GL comes with a RFID Reader refer to the steps below to configure the settings.

UHF RFID Reader:

The optional UHF RFID reader supports EPC Gen2V2 and ISO 18000-63 standard. To develop an application to use the UHF RFID reader, contact your device provider for a UHF RFID reader API package

NOTE:

To ensure the system performance, turn on only the symbologies you are going to use.

For More Support

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

Specifications:

Item	DT362GL
System	
CPU	Intel® Pentium® Silver Quad-Core, 1.10GHz (up to 2.70GHz)
RAM	8GB
Storage	256GB
Operating System	Microsoft® Windows® 10 IoT Enterprise
Display	6" LED-backlight capacitive touch screen
Display Resolution	720 x 1440
Network Interface	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band; Bluetooth 4.2 LE
Control Switch and Buttons	1 power button, 2 trigger buttons
I/O Ports	
USB port	USB Type-C x 1 (data transmitting and charging. Data transmitting only available in one insertion direction)
Smart Card/CAC Reader	Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
Mechanical and Environmental	
AC/DC Adapter	**Input:** 100 – 240V AC; **Output:** 20V DC, 3.25A
Battery Pack	Hot swappable battery, 3100mAh
Enclosure	ABS + PC plastics
Dimensions (H x W x D)	7.6 x 3.7 x 1.2 in/ 192 x 95 x 31 mm
Weight	1.4 lbs/ 650 g
Regulatory	FCC Class B, CE, RoHS compliant
Operating Temperature	Operation: -10°C to 50°C (14°F to 122°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	0% – 90% non-condensing

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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 or more 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.

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.

RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the EUT transmitting at the specified power level in different channels.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/eot/ea/fccid after searching on FCC ID: YE3600-3165D2W