

## *DT380CR*

### BASIC OPERATION GUIDE



#### ENGLISH

#### INTRODUCTION

Thank you for acquiring the DT380CR, part of DT Research's line of tablets. Featuring a slim yet robust enclosure, the DT380CR with 8" TFT display is powered by the Intel® Atom™ quad-core processor, offering optimal combinations of performance and power savings. The DT380CR is available with Microsoft® Windows® operating system. The software operating system features web browser, client/ server computing software, media player, accessories, and applications support.

#### PACKAGE CONTENTS

- One DT380CR with Battery Pack and Handstrap
- AC-DC Power Adapter with Power Cord
- Basic Operation Guide

#### Major options, depending on configuration:

- Desktop Charging Cradle with DC-in Power Jack
- Additional Battery Pack

\* If your DT380CR contains camera or barcode scanner, please refer to the Tablet Modules Basic Operation Guide for detailed operation.

The DT380CR



Input/ Output Ports

4	Headphone Jack	7	Back Camera (optional)
5	USB Port	8	Barcode Scanner (optional)
6	DC Power Input		

Button Functions

BUTTON	ACTION
1	Power button
2	Programmable button without the scanner module As scanner trigger when equipped with the scanner module
3	Battery latch

## 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 DT380CR.
- Do NOT apply excessive pressure to the display screen.
- Avoid prolonged exposure of the display panel to any strong heat source. Wherever possible, the DT380CR 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 DT380CR and disconnect all power sources. Report the problem to your device provider immediately.
- Never attempt to disassemble the DT380CR, as this will void the warranty.

## THE DT380CR

### Basic Features

The DT380CR wireless tablet integrates a bright and multi-touch display, one USB port, and embedded networking elements such as wireless LAN and Bluetooth. The DT380CR is complemented by a suite of accessories, including battery gang charger, and charging cradles, for a comprehensive user experience. A DT380CR typically integrates an 802.11ac wireless LAN (WLAN) adapter that may connect to other wireless devices or access points. If your DT380CR does not come with such a network adapter, please consult your device provider to establish the desired network connectivity.

## OPERATION

### Powering ON and OFF

To activate the DT380CR, push and quickly release the Power Button. The display will come on in a few seconds. To put the DT380CR in Standby mode, push and quickly release the Power Button. To turn the DT380CR off for extended storage, power off safely using any software function that “shuts down computer” provided in the software operating system.

**NOTE:**

The battery pack shipped with your tablet may be low in power—please use the AC-DC adapter with the DT380CR when setting up for the first time to fully charge the battery pack.

**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 may have been drained substantially. Try unplugging/ replugging the AC-DC adapter to the DT380CR 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 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.

## Configuring the Mobile Tablet

The DT380CR may be configured using the utilities and methods dictated by the software operating system. The DT380CR should be configurable for various properties such as user profiles, network features, and several system elements.

## Wireless Networking

### Wireless LAN

The DT380CR 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 DT380CR 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 DT380CR 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 operation frequency of Bluetooth is from 2402 to 2480 MHz. 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.

## USING THE MOBILE TABLET

### Peripherals Support

Through its USB port, the DT380CR 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.

### Remote Management

Depending on software configuration, the DT380CR 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.

## Specifications:

System	
CPU	Intel® Atom™ Quad Core, 1.44GHz (up to 1.92GHz)
RAM	4GB
Storage	128GB flash
Operating System	Microsoft® Windows® 10 IoT Enterprise
Display	8" LED-backlight, high-brightness (850 nits) screen with capacitive touch, outdoor viewable
Display Resolution	1920 x 1200
Network Interface	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band; Bluetooth 4.2
Fan/ Fanless	Fanless
Control Switch and Buttons	1 power button and 1 trigger buttons
Speaker	Built-in Speaker
I/O Ports	
USB port	1 (USB 3.0)
Audio Jack	1 (3.5mm)
DC-in	1
SD Slot	1 micro SD card slot
Mechanical	
AC/DC Adapter	<b>Input:</b> 100 – 240V AC; <b>Output:</b> 12V DC, 5A
Battery Pack	Hot swappable battery, 3.7V, 8800mAh
Enclosure	ABS + PC plastics and magnesium-aluminum alloy
Dimensions (H x W x D)	5.7 x 8.3 x 0.8 in/ 145.4 x 210 x 20.4 mm
Weight	1.99 lbs/ 900 g
Environmental	
Operating Temperature	<b>Operation:</b> 32°F to 122°F (-0°C to 50°C); <b>Storage:</b> -4°F to 140°F (-20°C to 60°C)
Humidity	0% – 90% non-condensing



### DT Research, Inc.

2000 Concourse Drive, San Jose, CA 95131 <http://www.dtresearch.com>

Copyright © 2019, DT Research, Inc. All Rights Reserved.

#### FCC Regulatory Compliance

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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

#### 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.

FCC ID Label is in removable battery compartment, it could be easily found by removing the battery cover.