



BASIC OPERATION GUIDE

DT382DN

INTRODUCTION

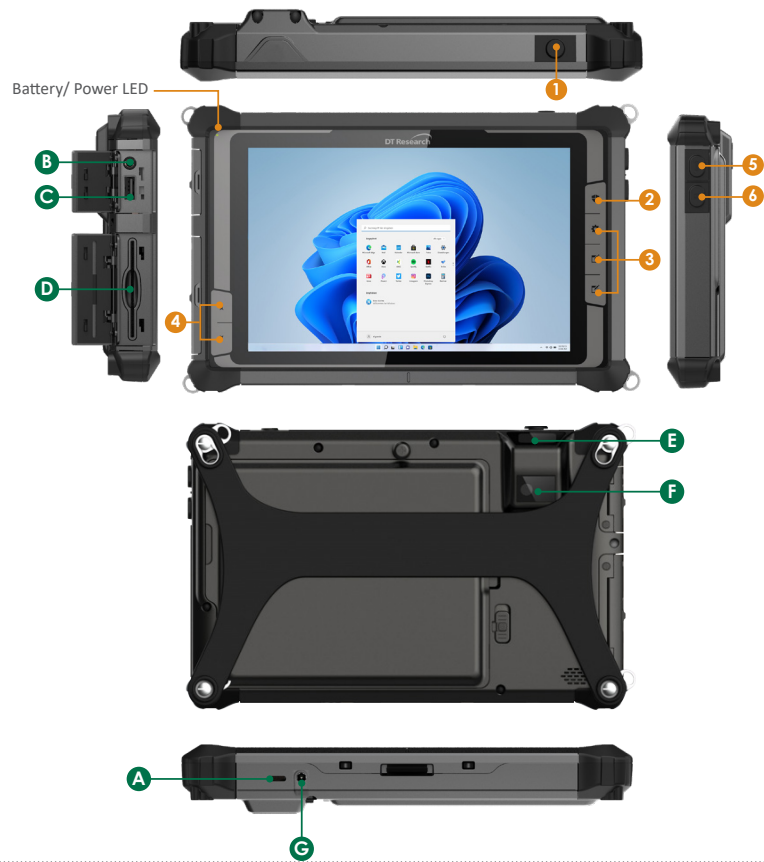
The DT Research DT382DN Rugged Tablet features the integration of a high brightness 8" capacitive touch screen and a high performance yet energy efficient processor within a slim, lightweight, durable package. With built-in Wi-Fi and a smart card reader as well as options for back camera, barcode scanner, GNSS, NFC, and UHF RFID reader, this robust tablet offers seamless information capture and transmission for improved workflow. Rated IP65 and MIL-STD-810H, the DT382DN Rugged Tablet provides reliable operation in harsh, mission-critical environments.

PACKAGE CONTENTS

- One DT382DN
- One Battery Pack and Handstrap
- AC-DC Power Adapter
- Basic Operation Guide

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

The DT382DN



Input/Output Ports

- A** USB Type-C Port (power input)
- B** Audio Jack
- C** USB Port
- G** DC-in Jack

Data Capture Modules

- D** Smart Card Reader or Standard SD 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	RFID Reader Trigger Button/ Programmable Button
6	Barcode Scanner Trigger Button/ Programmable Button

PRECAUTIONS

- Always exercise care when operating and handling the DT382DN
- Do not disassemble any portion of the DT382DN, 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 DT382DN and disconnect all power sources. Please report the problem to your device provider immediately.

OPERATION

Powering ON and OFF

To activate DT382DN, push and quickly release the Power Button. The display will come on in a few seconds. To put the DT382DN in standby mode, push and quickly release the Power Button. To turn the DT382DN 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 DT382DN 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 DT382DN 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.

Wireless Networking

Wireless LAN

The DT382DN 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 DT382DN 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 DT382DN 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.

Data Capture Module Operation Guide

If your DT382DN comes with an 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.

Pole/Vehicle Mount Cradle

The optional pole/vehicle mount cradle can be used to secure a DT382DN tablet in a vehicle or forklift for easy and stable operation.



Installation

The DT382DN rugged tablet is a purpose-built stationary tablet to be installed on a pole/vehicle mount cradle with a stand to provide enhanced mobility and user experience. The DT382DN rugged tablet is designed to serve as a floor control unit to work with the user's advanced security screening system. The hot-swappable battery design allows the control units to be installed virtually anywhere while eliminating the hassles and need for power outlets and network cabling. The use of a battery power tablet allows the

customer's advanced screening systems to be installed at both indoor and outdoor venues while providing extended working time for enhanced productivity, which in turn reduces system downtimes for optimised user experience when going through security checkpoints.

The 8" display provides clear information for security staff to effortlessly monitor the screening systems, while the pole/vehicle mount cradle provides stable operation for a higher level of safety while being used on site while eliminating the risk of accidental removal or theft.

To mount a DT382DN tablet onto the pole/vehicle mount cradle:

Step 1.

Place the DT382DN tablet beside the pole/vehicle mount cradle.

Step 2.

Pull the upper clamp of the pole/vehicle mount cradle to widen the space for mounting the tablet.

Step 3.

Place the DT382DN tablet in the mounting space of the pole/vehicle mount cradle.

Step 4.

Release the upper clamp to secure the tablet in place.

NOTE:

- DO NOT carry around the DT382DN rugged tablet when operating.
- DO NOT use the DT382DN rugged tablet when it is not properly mounted onto the pole/vehicle mount cradle.

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.