

## DATA CAPTURE SPECIFICATIONS:

RFID	
Frequency	13.56MHz ±7KHz
Reading Range	within 30mm depending on type of tags
Protocol	ISO 15693, 14443A (B) and 18000-3 mode-1
Barcode Scanner (1D)	
Decoded Mode	Code128, EAN-13, EAN-8, Code-39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ ISSN, Code93. etc
Scan Rate	Up to 300 scans/ sec
Scan Angle	Horizontal: 42°
Print Contrast	≥ 30%
Barcode Scanner (2D)	
Decode Mode	<b>1D:</b> EAN/UPC, GS1 Databar, RSS, Code 39, Code 128, UCC/ EAN 128, ISBN, ISBT, Interleaved, Matrix, Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes. (Australian Post, BPO, Canada Post, Dutch Post, Japan Post, PostNet, Sweden Post ) <b>2D:</b> Data Matrix, PDF417, Micro PDF 417, Codablock, Maxicode, QR, Aztec, GS1 Composite codes, Direct Part Marking Reading multicode and barcodes on mobile phone screens available.
Scan Rate	<b>1D:</b> 120 fps, <b>2D:</b> 60 fps
Scan Angle	<b>Horizontal:</b> 34.4°; <b>Vertical:</b> 22.2°
Optical Resolution	752 (H) x 480 (V) pixels
Print Contrast	Down to 30%

\* Specifications subject to change without notice.

## DT430SC

## BASIC OPERATION GUIDE



## ENGLISH

## INTRODUCTION

Thank you for acquiring the DT430SC, part of the POS Handheld line. The DT430SC offers a 4.3" outdoor-viewable display, in a compact, rugged, and lightweight package. The DT430SC enables efficient point-of-service applications, inventory management, and field services. IP54 rated for water and dust resistance with IP65 sealed front panel, the DT430SC performs indoors, outdoors, and in harsh environments.

The DT430SC Point-of-Service Handheld provides the precise features needed to streamline operations and improve productivity, data accuracy, and service.

## PACKAGE CONTENTS

1. One DT430SC
2. One battery pack
3. Basic operation guide
4. Stylus lanyard and hand strap

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

## PRECAUTIONS

- Always exercise care when operating and handling the DT430SC.
- Do not disassemble any portion of the DT430SC. It will void any product warranty on DT430SC.
- Do not use any power adapter or charging cradle other than the one provided with the device 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 DT430SC and disconnect all power sources. Please report the problem to your device provider immediately.

### DT430SC

- A Programmable buttons
- B Suspend/ Resume
- C Speaker
- D Power button
- E Battery
- F Battery pack switch
- G RFID reader (optional)

#### Button Functions

- Enable/ disable soft keyboard (Programmable)
- Programmable
- System Utility
- Suspend/ Resume
- Hold [Power] + press [Touch screen] Touch screen calibration

### DT430SC I/O Ports

#### Right

#### Top

#### Left

#### Bottom

### DT430SC LED Status Indicators

#### 1. Power Mode Status Indicator:

- Blue: Device is powered on
- Blinking Blue: Main battery charging
- Orange: Low battery mode
- Blinking Orange: Extremely low battery mode
- Off: Device is powered off or in suspend mode

#### 2. Wi-Fi Status Indicator:

- Blue: The device has been connected to a wireless AP
- Blinking blue: The device is connecting to a wireless AP
- Off: Wi-Fi is disabled

**ACCESSORIES:**

**Charging Cradle PN: ACC-400-01**  
 Desktop cradle with rear pocket battery charger and data synchronization with PC via USB port.  
 Input: 100 - 240V AC; output: 5V DC, 3A.

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**4-bay Gang Charger PN: ACC-430-02**  
 Wall mountable charger, capable of charging up to 4 handhelds simultaneously.

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**AC-DC Adapter PN: ACC-400-03**  
 Used to charge handheld battery, and pass through power for charging cradle.

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**Battery PN: ACC-400-04**  
 Hot-swappable, rechargeable Li-Ion battery 3760mAh, 3.7V (14 Watt-hour).

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**Trigger Grip PN: ACC-400-05**  
 For single handed operation to trigger scanner or other functions conveniently.

**SPECIFICATIONS**

System	
Processor	ARM 800 MHz
RAM	512MB
Storage	4GB Flash
Operating System	Microsoft® Windows® CE 6.0 or Windows® Mobile 6
Display	4.3" TFT-LCD with resistive touch; outdoor-viewable display
Display Resolution	272 x 480 (WQVGA)
Network Interface	Built-in IEEE 802.11a/b/g/n WLAN, Bluetooth 2.1 with EDR
Control Switch and Buttons	1 power button; 4 front buttons; 2 trigger buttons
Indicator	1 power-on LED indicator, 1 WLAN enable/ communication indicator
Speaker/ Microphone	Built-in speakers; 1 mono microphone
Input/Output Ports	1 headset jack, 1 USB 1.1 host, 1 cradle interface (USB2.0 and charging), 1 DC-in jack
Power	
AC/DC Adapter	<b>Input:</b> 100 – 240V AC; <b>Output:</b> 5V DC, 3A
Backup Battery	180 mAh
Battery Type	Li-ion battery 3760 mAh, 3.7V
Mechanical	
Enclosure	PC+ABS, TPR
Stylus	Non-electronic tip
Dimensions (H x W x D)	6.3 x 3.4 x 1.2 in/ 160 x 86 x 30 mm
Weight	0.9 lbs/ 415 g
Environmental	
Regulatory	FCC Class B, CE, C-Tick, UL, CB, RoHS compliant
Water and Dust Resistance	<b>System:</b> IP54; <b>Front Panel:</b> IP65
Operating Temperature	<b>Operation:</b> 0°C - 40°C; <b>Storage:</b> -20°C - 60°C
Humidity	0% - 90% non-condensing

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