DT432SC-MD
Medical Handhelds
Integrated Handheld Solution for Point-of-Care Applications

The DT432SC-MD Handheld Terminal features a 4.3" capacitive touch screen in a slim, lightweight, and anti-microbial package for point-of-care, inventory management, and field applications. Emphasizing superior integration and handling, the DT432SC-MD, with barcode scanner and back camera options, offers seamless information capture for instant transmission. Designed for real-life handling, the DT432SC-MD handheld offers bacteria-resistance, drop protection, and desktop charging for flexible healthcare applications. DT Research's Handhelds provide the precise features needed to streamline operations and improve productivity, accurate data collection, and service efficiency.

• Features

- Support for Windows® CE 6.0 or Windows® Mobile 6.5
- 4.3" TFT-LCD with capacitive touch
- Slim and lightweight design
- Anti-microbial enclosure
- Built-in WLAN and Bluetooth 2.1
- Optionl barcode scanner and camera modules

• Applications

The DT Research Medical Handhelds are ideal for the following applications :

- **Hospital**
- **Medical Office**
- **Health Field Services**
- **Emergency Services**
- **Patient Surveys**
- **Public Safety**

DT432SC-MD

DT Research

● Specifications

System

CPU	ARM 800MHz
RAM	512MB
Storage	4GB Flash
Operating System	Windows® CE 6.0; Windows® Mobile 6.5
Display	4.3" TFT-LCD with capacitive touch
Display Resolution	480 x 800
Control Switch and Buttons	1 power button, 2 trigger buttons
Speaker and Microphone	1 built-in speaker, 1 mono microphone

Network Interface

WLAN	IEEE 802.11a/b/g/n WLAN
Bluetooth	Bluetooth 2.1

I/O Ports

USB Port	1 (mini USB for charging and ActiveSync only)
DC-in	1 via mini USB
Cradle Charging Interface	2 external power pins
Micro SD Slot	Yes, up to 32GB

Mechanical and Environmental

AC/DC Adapter	**Input:** 100 – 240V AC; **Output:** 5V DC, 2A
Battery Pack	Replaceable, rechargeable Li-ion battery, 2500mAh, 3.7V
Enclosure	PC+ABS, TPR/ Anti-microbial plastic
Dimensions (H x W x D)	5.5 x 3 x 0.85 in/ 139 x 76 x 21.5 mm
Weight	0.39 lbs/ 178 g
Regulatory	FCC Class B, CE, C-Tick, RoHS compliant
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C
Humidity	0% – 90% non-condensing

* Specifications subject to change without notice.

● Data Capture Modules

2D Barcode Scanner (optional)

Scan Rate	2D mode: 56 images per second, auto adaptive; Linear (1D) emulation mode: 200 images per second, auto adaptive
Scan Angle	Horizontal: 38.9°; Vertical: 25.4°
Optical Resolution	752 (H) x 480 (V) pixels, 256 gray levels
Print Contrast	Down to 25%
Versions	Standard range and high density

Camera (optional)

Resolution	3 megapixel back camera with LED flash
Automatic Image Control	Automatic white balance, automatic gain control, and automatic exposure control
Focusing Type	Auto focus
Focus Distance	10cm ~ ∞

● Accessories

The DT432SC-MD has a suite of accessories to meet numerous deployment needs.

- Charging Cradle

- Internal Battery Pack

- AC-DC Adapter

- Rubber Jacket

Product Configurator

www.dtresearch.com/productconfig