



DT Research

Handheld POS Terminal Compact and Robust Handheld for Point-of-Sale/Service Applications

The DT400 series POS Handhelds feature 4.3" touch screens in compact and robust packages for point-of-service/sale applications, inventory management, and field applications. With the high performance processors, and large memory and flash, these POS handhelds enhance performance, energy efficiency, and storage capacity. Emphasizing superior integration and handling, the DT400 series handhelds offer options for embedded POS-centric peripherals, including magnetic stripe and RFID readers, cameras, and powerful barcode scanners.

Designed for real-life handling in harsh operating conditions, the rugged DT400 series handhelds feature drop-protection, IP54 rating with IP65 front panel for dust and water-proof operations, and hot-swappable batteries for extended performance. DT Research's POS Handhelds provide the precise features needed to streamline operations and improve productivity, accurate data collection and service efficiency, and secure payment transactions.






• Applications

The DT400 series POS Handhelds are ideal for the following applications:

- **Hospitality/ Restaurant**
- **Healthcare**
- **Retail**
- **Inventory/ Warehousing**
- **Manufacturing**
- **Entertainment**

Specifications

			
Model	DT430SC	DT432SC	DT433SC
System			
CPU	ARM 800MHz		
RAM	512MB		
Storage	4GB Flash		
Operating System	Windows CE 6.0 or Windows Mobile 6.X	Windows CE 6.0 or Windows Mobile 6.5	
Display	4.3" TFT-LCD with resistive touch; outdoor-viewable display	4.3" TFT-LCD with capacitive touch	4.3" TFT-LCD with capacitive touch
Display Resolution	272 x 480	480 x 800	480 x 800
Control Switch and Buttons	1 power button, 4 front buttons, 2 trigger buttons	1 power button, 2 trigger buttons	
Indicator	1 power-on LED indicator, 1 WLAN enable/communication indicator, 1 MSR indicator	N/A	N/A
Speaker and Microphone	1 built-in speaker, 1 mono microphone		N/A
Network Interface			
WLAN	Built-in IEEE 802.11a/b/g/n WLAN		
Bluetooth	Bluetooth 2.1		
I/O Ports			
USB Port	1 (USB 1.1)	1 (mini USB for charging and ActiveSync only)	1 (mini USB for charging and ActiveSync only)
Audio Jack	1 (2.5mm stereo headset and microphone jack)	1 (2.5mm stereo headset and microphone jack)	N/A
DC-in	1, 1.3mm	1 via mini USB	1 via mini USB
Cradle Charging Interface	1	2 external power pins	2 external power pins
Micro SD Slot	N/A	Yes, up to 32GB	Yes, up to 32GB
Mechanical and Environmental			
AC/DC Adapter	Input: 100 – 240V AC; Output: 5V DC, 3A	Input: 100 – 240V AC; Output: 5V DC, 2A	
Battery Pack	Replaceable rechargeable Li-ion battery 3760mAh, 3.7V	Replaceable, rechargeable Li-ion battery 2500mAh, 3.7V	
Backup Battery	180 mAh	N/A	N/A
Enclosure	PC+ABS, TPR		
Stylus	Yes, non-electronic tip	N/A	N/A
Dimensions (H x W x D)	6.3 x 3.4 x 1.2 in/ 160 x 86 x 30 mm	5.5 x 3 x 0.85 in/ 139 x 76 x 21.5 mm	5.9 x 3 x 0.55 in/ 150 x 76 x 14 mm
Weight	0.9 lbs/ 415 g	0.39 lbs/ 178 g	0.41 lbs/ 186 g
Water and Dust Resistance	System: IP54; Front Panel: IP65	N/A	N/A
Regulatory	FCC Class B, CE, C-Tick, UL, CB, RoHS compliant	FCC Class B, CE, C-Tick, RoHS compliant	
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C		
Humidity	0% – 90% non-condensing		
Data Capture Modules (optional)			
MSR	Triple track readers (ISO TK1, 2 & 3), JIS & AAMVA compliant	N/A	Triple track readers (ISO TK1, 2 & 3), JIS & AAMVA compliant
Barcode Scanner	1D or 2D scanner	2D scanner, reads 1D aslo	N/A
RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B), 18000-3 mode-1	N/A	N/A
Camera	N/A	3 megapixel back camera with LED flash, auto focus	N/A

* Specifications subject to change without notice.

