



DT Research

Handheld POS Terminals

Compact and Robust Handhelds for POS Applications

The DT Research Handheld POS Terminals feature outdoor-viewable and responsive touch displays in compact and robust packaging for POS (point-of-service and point-of-sale) applications. Emphasizing superior integration and handling, the DT Research 400 terminals offer options for embedded POS-centric peripherals. These include magnetic stripe and RFID readers, barcode scanners and imagers, Bluetooth, and various wireless networking formats. IP54-rated for water and dust resistance, the rugged DT430 are further capable of operating in harsh and tough operating conditions. Regardless of ruggedization or size, the various DT Research Handheld POS Terminals and a comprehensive suite of accessories offer features and configurations for dedicated deployments, accurate data collection, secure payment transactions, and efficiency in service.

• Applications

The DT Research Handheld POS Terminals are ideal for the following applications :

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



• Specifications

			
Model	DT410	DT415	DT430
System			
CPU	ARM 533 MHz		
RAM	128MB DDR II, 128MB Flash ROM		
Operating System	Microsoft® Windows® CE 6.0; Windows® Mobile 6		
Display	3.5" TFT-LCD with resistive touch; outdoor-viewable display	4.3" TFT-LCD with resistive touch; outdoor-viewable display	
Display Resolution	240 x 320 (QVGA)/ 480 x 640 (VGA)	272 x 480 (WQVGA)	
Network Interface	Built-in IEEE 802.11b/g WLAN and Bluetooth 2.0		Built-in IEEE 802.11b/g WLAN and Bluetooth 2.1 with EDR
Control Switch and Button	1 power button, 4 front buttons	1 power button, 4 front buttons, 2 trigger buttons	
Indicator	1 power-on LED indicator, 1 WLAN enable/ communication indicator, 1 MSR indicator		
Speaker or Microphone	1 built-in speaker		1 built-in speaker, 1 mono microphone
I/O Ports			
USB Port	1 (mini USB for charging and ActiveSync only)		1 (USB 1.1)
Audio Jack	1 (2.5mm stereo headset and microphone jack)		
DC-in	N/A	N/A	1
Cradle Charging Interface	1 by mini USB	1 by mini USB	1
Mechanical and Environmental			
AC/DC Adapter	Input: 100 – 240V AC; Output: 5V DC, 2A		Input: 100 – 240V AC; Output: 5V DC, 3A
Battery Pack	3760 mAh, 3.7V		
Backup Battery	N/A	N/A	180 mAh
Enclosure	PC+ABS, TPR		
Stylus	Yes, non-electronic tip		
Dimensions (H x W x D)	5.5 x 3.1 x 1.2 in/ 140 x 81.8 x 31 mm	5.5 x 3.1 x 1.4 in/ 140 x 81.8 x 36.5 mm	6.3 x 3.4 x 1.2 in/ 160 x 86 x 30 mm
Weight	0.6 lbs/ 280 g	0.69 lbs/ 314 g	0.9 lbs/ 415 g
Water and Dust Resistance	Front Panel: IP54		System: IP54; Front Panel: IP65
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		
Data Capture Modules (optional)			
MSR	Yes, triple track readers (ISO TK1, 2 & 3)		
Barcode Scanner	N/A	Built-in 2D barcode scanner: Intermec omni-directional scanner, reads 1D also	1D barcode scanner: Intermec bi-linear CMOS sensor or 2D barcode scanner: Intermec omni-directional scanner, reads 1D also
RFID Reader	Yes, HF 13.56MHz, ISO standard 15693, 14443A(B) & Felica UID		

* Specifications subject to change without notice.