



DT Research

Medical Handhelds Compact and Robust Handhelds for POS Applications

The DT Research Medical Handhelds are specially designed for mobile point-of-care applications for healthcare professionals. These systems feature the integration of brilliant 3.5" touchscreens and integrated magnetic stripe reader, barcode scanner, and RFID reader in small, lightweight and anti-microbial enclosures. With Bluetooth and WLAN connectivity, the DT Research Medical Handhelds enable flexible and efficient workflow for faster data transmission after retrieving patient information. The major software operating systems also facilitate the integration of the DT Research Medical Handhelds with other healthcare applications and systems.



• Applications

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

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



• Specifications

		
Model	DT415SC-MD	DT418SC-MD
System		
CPU	ARM 800 MHz	
RAM	512MB	
Storage	4GB Flash	
Operating System	Microsoft® Windows® CE 6.0; Windows® Mobile 6	
Display	3.5" TFT-LCD with resistive touch; outdoor-viewable display	
Display Resolution	240 x 320 (QVGA)	
Network Interface	Built-in IEEE 802.11a/b/g/n WLAN and Bluetooth 2.1	
Control Switch and Button	1 power button, 4 front buttons, 2 trigger buttons	
Indicator	1 power-on LED indicator, 1 WLAN enable/communication indicator, 1 MSR indicator	1 power-on LED indicator, 1 WLAN enable/communication indicator
Speaker or Microphone	1 built-in speaker	
I/O Ports		
USB Port	1 (mini USB for charging and ActiveSync only)	
Audio Jack	1 (2.5mm stereo headset and microphone jack)	
Cradle Charging Interface	1 by mini USB	1 by mini USB
Mechanical and Environmental		
AC/DC	Input: 100 – 240V AC; Output: 5V DC, 2A	
Battery Pack	3760 mAh, 3.7V	
Enclosure	PC+ABS, TPR	
Stylus	Non-electronic tip	
Dimensions (H x W x D)	5.5 x 3.1 x 1.4 in/ 140 x 81.8 x 36.5 mm	5.5 x 3.1 x 1.4 in/ 140 x 81.8 x 36.5 mm
Weight	0.69 lbs/ 314 g	0.69 lbs/ 314 g
Water and Dust Resistance	Front Panel: IP54	
Regulatory	FCC Class B, CE, C-Tick, RoHS compliant	FCC Class B, CE, 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)	N/A
Barcode Scanner	Built-in 2D barcode scanner: Intermec omni-directional scanner, reads 1D also	
RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B), 18000-3 mode-1	

* Specifications subject to change without notice.