

DT351 Wireless POS PDA with Barcode Scanner

Enhanced WiFi stability: 802.11b/g

- > Single SSID enforcement: only pre-configured group of APs will be connected even APs with stronger signals are nearby
- > Always On WiFi connection: PDA maintains the WiFi connection even if it enters into sleep mode to minimize power consumption; common PDAs have WiFi disconnection and hence power is drained much faster due to reconnections.

With WiFi connected and screen off, the standby time of PDA lasts for 1 week.

- > Configurable WiFi roaming trigger level: configured WiFi roaming trigger level can address different signal coverage conditions.
**To have site optimization, an adjustable roaming level is needed.
- > Seamless WiFi roaming across APs within 1 second and auto-reconnecting to designated AP to minimize lazy WiFi issue.

Easy for application coding: open Windows CE 5.0 platform (Professional Edition)

- > Standard Windows environment ensures program compatibility
- > Great flexibility in application development and deployment, programming languages, e.g. embedded VC++, .NET Compact Framework (C#, VB.NET)
- > Faster migration time from existing application designed for Windows Mobile PDA with lower cost of WinCE OS.
- > SDK is available for application coding and integration; unique features are also programmable, e.g. vibrator, LED indicators.

Easy field deployment and management: Built-in clone and backup utility, Administration mode and User mode

- > Built-in backup utility allows enterprise to clone and restore system image for mass deployment, ie, more cost effective and less time consuming.
- > In Admin mode, only authorized administrator is allowed to access/modify PDA files, data and any system settings, e.g. IP address, SSID, program shortcuts, etc.
- > In User mode, only designated programs and files can be used and viewed. No addition files or programs can be installed.
- > Administrator has all the rights to modify the PDAs, ie more standardized deployment and less corruption on system settings done by the user; administration cost and support calls will be reduced.

Most common barcode scanning function: 2.5 megapixels CCD 1D barcode scanning

- > Allows flexibility in different applications, increases efficiency of service
- > Accurate and fast barcode scanning

Enhanced power management

- > Standard battery delivers 8 hours operation hour or a full day operation with extended battery
- > CPU runs slower in sleep mode aim to conserve power.

Expand wireless connectivity: Bluetooth v2.0 with EDR

- > Allows more choices in expanding wireless connectivity to printers, headsets or dial up networking via external peripherals

Real time alert features

- > Built-in vibrator, programmable LED enables notification applications, e.g. VIP reminder, dishes ready to deliver, happy hour.
- > Real time alert function will not sacrifice battery power.

Customized Magstripe Card Reader (MSR)

- > PCI compliance approved
- > Output encryption to secure customer personnel information.
- > Extension of PDA to different applications like payment, CRM
- > SDK is available for rapid development

Interactive activities: 3.5" TFT QVGA color Touch Screen LCD

- > Better view under lighting
- > Hand writing recognition of English and Chinese

Accessories

- > Strap Mount: Hand strap, anti-drop strap are available to avoid damage by dropping
- > 6 bay battery charger: allows 6 batteries charging separately at the same time to minimize downtime operation.

Approvals

- > CE, FCC

Features and specification are for reference only and subject to change without prior notice.

DT351 - Specification

CPU	ARM 9 32-bit Processor 400MHz	
Operation System	Windows CE 5.0 Professional Edition	
Display	3.5" TFT, QVGA color LCD, Touch Screen	
Memory	64MB SDRAM, 128MB NAND Flash	
Wireless LAN	IEEE802.11b/g Security: WEP, WPA, TKIP, WPA2	
Wireless PAN	Bluetooth v2.0 with EDR Profiles: GAP, SDP, SPP, GOEP, OPP, FTP, HID, DUN	
Memory Expansion	SD memory slot, support SHDC	
LED Indicators	1 x RGB LED for WLAN, battery status indications; 1 x RGB LED for customized application	
Barcode Scanner	Scanner Light Source	617nm visible; bright laser-imitated scanning line
	Optical System	2,500 pixels CCD
	Depth of Field	45-240mm (UPC/EAN 100%, PCS=90%)
	Scan Pattern	Single scan line
	Scan Rate	200 scans per second
	Barcode symbologies	Codabar, Code39, Code93, Code 128, UPC/EAN/JAN, Code 2 of 5m Code 11, MSI Plessey
	Minimum Bar Width	0.1mm (4mil) (Code 39, PCS=90%)
Audio	Built-in speaker 2.5mm stereo headset jack with support of microphone	
Vibrator	Built-in vibrator for customized application	
Keys	Power key, reset key, configurable multi-function key	
USB	Mini USB connector; USB 1.1 Client & Host	
Charging	3.5mm DC jack	
Battery	2680mAh Lithium Polymer rechargeable	
Battery Life	Operation time: 5 hours Standby time with WLAN connection: 150 hours	
Dimension	33mm x 135mm x 79mm	
Weight	212g	
Accessories	AC-DC adaptor, USB cable, screen protector film, stylus Optional: MSR, 6-in-1 battery charger	



Hong Kong Office 香港辦事處
Room B 16/F On Dak Industrial Building
Wah Sing Street, Kwai Chung, Hong Kong
葵涌·華星街2-6號·安達工業大廈16樓B室
電話(Tel): (852) 2527-6223
傳真(Fax): (852) 2527-6607
電郵(eMail): marketing@datapro.com.hk
<http://www.datapro.com.hk>

深圳辦事處
中國, 深圳市, 羅湖區
東門南路34號
太陽島大廈16樓F室
電話: (86-755) 8214-3010
傳真: (86-755) 8214-3012

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