DT350

Xplore

A unique Wireless Mobile Solution for improved business efficiency

With wireless technology becoming more mature, Wi-Fi has been integrated into numerous handheld devices over the past years. The concerns on Wi-Fi stability, security, power consumption and deployment costs, however, have held back many enterprises from deploying Wi-Fi handheld solutions. Designed for enterprise applications, the Xplore DT350 has addressed such concerns for enterprises to fully benefit from Wi-Fi solution deployment in meeting today's business challenges.

Enhanced Wi-Fi stability

Reliable Wi-Fi performance has long been sought after for PDA devices to perform mission critical tasks in enterprise applications. With enhancements in Wi-Fi driver firmware, the Xplore DT350 introduces the following features for enterprises to implement reliable handheld solutions on various scales:

- Single SSID enforcements
- Wi-Fi Always On connection
- Configurable Wi-Fi roaming trigger
- Fast seamless roaming between Access Points
- Automatic network re-connection

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Longer battery life

Power saving is always an essential and critical element for enterprise application deployment. The Xplore DT350 is implemented with Wi-Fi Always On feature that allows the device to maintain network connection for the application in both active and sleep modes. With a fraction of power consumption in sleep mode, it provides long hours of operations even when power-consuming applications are being run (e.g. TSC/RDP applications).

Easy field deployment & management

The built-in system backup feature of Xplore DT350 enables enterprises to clone and install PDA images for mass deployment in a cost effective and less time consuming manner. Also, the Xplore DT350 introduces two modes of operations, namely Administration and User modes. All system settings and parameters are stored in the password protected Administration mode to avoid mis-applications by users. In User mode, users will be prohibited from installing applications or modifying system settings, and will only be allowed to execute the designated applications. Spare parts of the PDA can also be purchased by service providers to provide the first level of maintenance support locally.

Magstripe Card Reader (MSR)

Unique industrial features

By removing entertainment features such as music, video and games, the PDA is dedicated to performing enterprise applications. In addition, the vibration alert, configurable LED signaling and configurable shortcut key allow enterprises to develop unique applications to meet business needs.

Extended applications & customized accessories

The built-in Bluetooth feature enables the Xplore DT350 to operate with Bluetooth printers as well as dial up networking via mobile phones. The customized Magstripe Card Reader (with encryption) allows extension of the PDA to payment applications. Also, a customized 6-in-1 battery charger is available for charging additional batteries to minimize PDA downtime.

- 802.11b/g Wi-Fi PDA with built-in Windows CE 5.0 OS (Professional Edition)
- Enhanced Wi-Fi features including fast Access Points roaming, single SSID enforcement, Always On Wi-Fi etc.
- Enhanced power management delivers exceptional long operation hours
- Administration and User modes to avoid misapplication by end users
- Customized MSR & 6-in-1 battery chargers for industrial applications

DT350 with MSR

Features

- Single SSID enforcement to eliminate connections to wrong AP
- Seamless Wi-Fi roaming across APs, typically less than 1 second
- Configurable roaming trigger to adjust roaming response for different networks
- Always On Wi-Fi connection even in Sleep mode to minimize power consumption
- Administrator mode and user mode to avoid misapplication by end users
- Configurable LED and vibrator for real time alert applications
- Bluetooth printing and dial up networking through external peripherals
- Terminal Service Client/ Remote Desktop auto-logon/ auto-start application
- Built-in clone & backup utility for easy field deployment
- SDK available for rapid industrial application development
- Customized MSR module with encryption for credit card processing applications
- Handwriting recognition (English & Chinese)

Specifications

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CPU	ARM 9 32-bit Processor 400MHz
Operating 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 SDHC
LED Indicators	1 x RGB LED for WLAN, Battery status indications 1 x RGB LED for customized application
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
Barcode Scanner *	Integrated 1D barcode scanner, 2-40cm reading distance Up to 270 scan per second
Battery	Stanard battery: 1400mAh Lithium Polymer rechargeable Optional Extended battery: 2800mAh Lithium Polymer rechargeable
Battery Life	Communication time: 5 hours; Standby time with WLAN connection: 150 hours
Dimension	118mm x 75mm x 16.5mm
Weight	180g
Accessories	AC-DC Adaptor, USB cable, Screen protector film, Stylus MSR, 6-in-1 Battery Charger, Extended 2800mAh battery pack

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* Integrated barcode scanner is available seperately with DT351.

MSR

Interface	Mini-USB connector USB/ HID
Tracks	Triple tracks
Recording Method	Two-frequency coherent phase (F2F)
Compatible Standard	ISO7810, ISO7811/2, ISO7811/6, ISO7813
Output	ASCII message with encryption
Card Operating Speed	3 - 60 ips
Head Operating Life	1 million times
Dimension	78.6 x 27.1 x 60 mm
Weight	40g

6-IN-1 BATTERY CHARGER (MC350)

No. of Charging Slot	6 slots
Input Voltage	AC100V-240V 50-60Hz
Battery types	1400mAh & 2800mAh batteries
Charging Time	3.5 hours for 1400mAh battery 5 hours for 2800mAh battery
LED Indicator	Charging status, High/ Low voltage & Short circuit warning
Dimension	240 x 104 x 130mm
Weight	650g

GroupSense 權智集團

權智移動科技有限公司
Group Sense Mobile-Tech Ltd.
A subsidiary of Group Sense (Int'l) Ltd.

Head Office:
6/F, Enterprise Place,No.5 Science Park West Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong.
Tel: 852 2832 8276 Fax: 852 2831 2837 Web site: www.gsml.com.hk E-mail: gsml@gsml.com.hk

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