



WF35

Wireless. POS. PDA

- Enhanced Wi-Fi Reliability
- Power Saving Technologies
- Easy to Manage and Deploy

A unique Wireless PDA Solution specially made for the Hospitality Industry

Within the hospitality industry, system reliability and deployment cost are always a major consideration when deploying a handheld solution. The WF35, a wireless POS PDA specially made for hospitality applications, provides outstanding Wi-Fi wireless communication reliability. At the same time, the WF35 can be deployed and managed in a very cost effective manner.

Reliable wireless communication

By enhancing the driver/firmware of the Wi-Fi module, the WF35 is able to deliver a reliable wireless communication environment through its Single/locked SSID, seamless roaming across APs (Access Point) and automatic signal drop reconnection. With these technologies, POS applications with handheld solutions can be implemented reliably within small or large scale restaurant and hotel operations.



WF35 with MSR

Power saving technology

The requirements for hospitality PDA operations are different from consumer PDA's. When thin client, e.g. TSC/RDP (Remote Desktop), are being used, consumer PDA's can run out of batteries in a short time. The WF35 implements a special Sleep Mode as well as an Always-on feature that enables it to consume a mere 2% of normal power consumption. In this mode, the WF35 stays connected with the host application yet operates for double the battery run time as compared to standard consumer PDA's. To further satisfy the demands of long hour operation, options such as 1500/2680mAh batteries and standalone Battery Charger are available.



Easy to manage and deploy

To deploy multiple PDAs to a consumer site is never an easy task, so the WF35 provides two modes of operation: Administration and User Modes. System settings and parameters are stored under the Administration Mode and users cannot modify settings without proper authority. In User Mode, only designated applications can be viewed and executed. Functions such as file copy, music, video and games are all removed. The in-built "Ghost¹" feature (system backup) enables easy mass deployment of the WF35, while all system settings can be unified and stored for each customer site. With the availability of spare parts, services providers can also perform hardware maintenance locally.



Magstripe Card Reader (MSR)

Unique features for the hospitality industry

The WF35 is drop tested and comes with an extensive list of industry specific features and optional attachments including Bluetooth, Vibration Alerts, Signal Lighting, a Hand Strap, and optional Magstripe Card Reader (MSR) with encryption as well as an optional Protective Leather Case. All of these unique features allow the System Integrator to deliver a complete handheld solution for their customers.

Windows CE 5.0 PDA embedded with exceptional 802.11b/g Wi-Fi communication reliability

Seamless Roaming across multiple APs

Superb Power Management allows WF35 to standby for 4 days!

Administration and User Mode for easy field deployment

Industrial specific features, e.g. drop tested, MSR, Bluetooth, vibrator, signal lighting, strap.



BIXOLON SPP-R200 Bluetooth Mobile Printer

- Single / Locked SSID: Modified at driver / firmware level, only designated SSID will be detected and connected in single or multiple access point environment
- Seamless Wi-Fi roaming across access points, typically in 1 second, and configurable roaming trigger level
- Always-on Wi-Fi keeps connection even in "Sleep Mode", consuming only 2% of normal power
- Superb Power Management: Save power in backlight dim state with lower CPU speed. PDA Standby with Wi-Fi always-on for 4 days
- Magstripe Card Reader (MSR): Optional add-on module for Credit Card/ Gift Certificate processing. Hardware encryption avoids clear-text data capture & protects card data within application
- Administration & User Mode: Harden application environment and system settings
- Clone & Backup Utility: Mass deploy applications & settings to a PDA typically in 1 minute.
- Terminal Services Client (TSC) / Remote Desktop (RDP): Genuine full screen (240x320), Auto-logon & Auto-start Application.
- Battery & Charger options: Standard / Extended battery (1500/2680mAh). Standalone Battery Charger.
- Industrial Features: Bluetooth for printing, Vibrator, programmable LED (6 colors)
- PDA protection: Drop tested, Anti-slip hand strap, Anti-drop belt strap, Protective Flip Cover, Screen Protector, Protective Leather case (optional).
- Multi-lingual Operating System: English & Chinese
- Handwriting Recognition: English & Chinese
- Spare parts provided for System Integrators & ISV
- Standard Windows CE 5.0 Platform & SDK

System	Processor	Samsung 400MHz CPU (ARM9)
	Operating System	<ul style="list-style-type: none"> • Microsoft Windows CE™ 5.0 • Multi-lingual Operating System
Memory	Memory	64MB
	Flash Memory	128MB (System ROM + user persistent storage)
Display and Input/Output Devices	Display	3.5 inch TFT QVGA / 64K color
	Input Devices	Stylus / Touch sensitive display for stylus and fingertip
Drop specifications	1.2m drop to concrete floor, 2 drops per side	
Audio, Slots, Ports & Cover	Audio & Mic	<ul style="list-style-type: none"> • Music speaker • Headset Jack (25mm phone headset)
	Slots & Ports	<ul style="list-style-type: none"> • 1 x mini-USB 1.1 Host & Client • 1 x DC power jack • 1 x SD card expansion slot
	Protection	<ul style="list-style-type: none"> • Protective flip cover • Anti-slip hand strap / Anti-drop belt strap • Protective leather case (optional)
Communication	Wireless	<ul style="list-style-type: none"> • Wi-Fi (802.11b/g) • Single SSID (Persistent wireless connection) • Seamless roaming • Always on Wi-Fi in Sleep Mode • Bluetooth EDR 2.0
	Data Synchronization with PC	<ul style="list-style-type: none"> • Data transfer via Microsoft ActiveSync • 1 x mini-USB cable
Application Deployment & Protection	Configurations Protection	<ul style="list-style-type: none"> • Administration & User Mode • Administrator password • Prohibit files access & program installation in User Mode
	Clone & Backup	Clone Utility for deploying master configured PDA to many PDAs
Optional Magstripe Card Reader (MSR)	MSR	<ul style="list-style-type: none"> • Integrated and detachable with mini-USB connection • Data encryption at hardware level
Real-time Notification Features	Notification Features	<ul style="list-style-type: none"> • Vibrator • Programmable LED (6 colors)
Battery, Power & Charger	Standard Battery	Removable and rechargeable 1500mAh battery
	Extended Battery (Optional)	Removable and rechargeable 2680mAh battery
	AC Adaptor	Input: 100-240V AC 50/60Hz 350mA Output: 5V DC 1500mA
	Battery Charger	Standalone charger for standard / extended battery
Dimensions & Weight	Dimensions (H x W x D)	118 x 75 x 20.9 mm
	Weight	180.0g (includes standard battery, without MSR)

Package Contents

- WideFly WF35 PDA
- AC Adaptor
- Standard 1500mAh battery
- Protective flip cover
- Anti-slip hand strap
- Anti-drop belt strap
- Screen protector film
- Mini-USB data synchronization cable
- Quick start guide

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