

Compact Full Rugged (2" mobile printer)

# WSP-i250



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## WSP-i250

- Durable Rugged Design : **Rewarded by the Ministry of Knowledge of Economy and by Korea Institute of Design Promotion**
- Compact and easy to carry around
- Water-resistant construction.( IP54 – Certified )
- 1.8m drop resistant
- High speed (130mm/sec)
- Wireless LAN (802.11 b/g/n) interface [option]
- Support Magnetic Stripe Reader [option]
- Support Graphic LCD(128×32dots) with Blue LED Backlight
- Intuitive LED's indicate Power(on/off), Error, Battery status, connection status, battery out, paper out...
- One touch paper cover
- Printer door open & Paper-out sensor, and indicated on LCD
- Easier paper roll loading by CLAMSHELL design
- Easier maintenance with self-diagnostic (self-test).
- Emulation: ESC/POS, CPCL, ZPL, EPL, Command Compatible
- In field programming, Update latest firmware (Driver, SDK, Utility, Library...), Fonts and Logos
- Low-temp(-15° C) printing with an integrated



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### Applications

Mobile POS, Field sales and service, Transportation, Hospitality, Parking, Utility billing, Safety, Material management.



Item	Specification
Printing	Direct thermal line printing
Characters per line	64cpl (MAX)
Characters size	Eng : 9*24 dots, , 8*16dots, 12*24 dots Kor : 16*24 dots, [24*24 dots]
Optional Characters	Simplified/Traditional Chinese, Arabic, Cyrillic, Vietnamese, Turkish, Greek, Japanese, Persian, Latin9, Farsi and Others upon request.
Resolution	203 dpi, 8 dots/mm
Print width	2-inch (48mm, 384dots)
Printing speed	130 mm/sec (depend on FW license)
Dimensions	92 x 140 x 59 mm
Weight	396g [standard]
Interface	UART(RS-232C or TTL) · Bluetooth Ver4.0 + EDR Wireless LAN (802.11b/g/n) [option], USB2.0 [option]
Paper supplied	Thermal roll paper (58mm wide, 50ø) , Paper thickness : 60-120µm
Barcodes	1-dimension:Code128, EAN 128, EAN-8, EAN-13, ITF, Code39, I2/5, Code93, UPC-A, UPC-E, EAN, KAN, JAN, CODABAR 2-dimension: PDF417, QR Code, DATA Matrix Upgradable by user
Graphics	Support user-defined all formats, fonts, layouts, logos (BMP, JPEG, GIF, PNG ...), saved in local storage or received from other machine
Driver	Windows Driver (32/64bit), OPOS Driver, JPOS Driver, Linux CUPS Driver
SDK	iOS, Android, Windows, Linux SDK...
H/W Spec.	MCU : 32 bits RISC, FLASH : 64 Mbytes, RAM : 32 Mbytes MCBF(Mean Cycle Between failure): Mechanical: 37,000,000 lines; TPH: ≥ 100 km
Receive buffer size	1M bytes
Operation switch	3 buttons (On/off, feed, and cover-open)
Battery	Rechargeable Li-ion 7.4V DC, 2200mAh (standard) or 2600mAh (Option)
Battery duration	1.5 hour continuous printing (20hours with around 1000 bills and 200mm/bill per day in normal operation).
Battery charger	Input (100~250VAC, 50~60Hz), Output(8.4VDC/0.8A), 4hours full charge time
MSR	Triple tracks (1&2&3 tracks) [Option]
LCD	128×32 Dots FSTN (Blue LED Backlight)
Environment	Temperature: Operating -15°C ~ 50°C , Storage: -15°C ~ 70°C Humidity: Operating ~80% RH, Storage: ~90% RH