



General Features

- Pocket Size (150.9mm x 135.7mm x 63.3mm).
- Rugged Construction.
- Water and dust resistant, IP54 rated.
- Lightweight
- Silent direct thermal printing.
- High Speed (70mm/sec).
- High Resolution (203dpi, 8 dots/mm).
- UART(RS232 or TTL) plus Bluetooth, IrDA and Wireless LAN Interfaces
- Optional Built-in MSR & Smart Card Reader
- Graphic LCD Display read out
- Easy paper loading (clamshell design)
- State of the art 2 dimensional barcode print technology.
- Black Mark detection
- Microsoft Windows CE, XP/VISTA/7 Linux, ANDROID compatible.
- Prints on label stock media.
- Supports back feeding.



Technical Specification

Printing	Direct Thermal Printing
Paper Loading	Clamshell Design
Characters per line	92cpl
Character Size	Eng: 9 x 24 dots, 12 x 24 dots Kor: 16 x 24 dots, 24 x 24 dots
Dots per line	832 dots
Resolution	203dpi, 8 dots/mm
Print Width	4" (104mm, 832 dots)
Printing Speed	70mm/sec
Dimensions (W x D x H)	150.9mm x 135.7(142.5)mm x 63.3mm
Weight	596g [standard], 609g [MSR Version]
Paper Supplied	112/113mm wide (50mm Ø)
Interface	UART or TTL plus Bluetooth Ver2.1 + EDR or IrDA Ver1.0 (SIR) or Wireless LAN (IEEE802.11 b/g)
Receive Buffer Size	1 MByte
Barcode Supported	1-dimension: Code128, Code 39, EAN128, I2/5, UPC, EAN, KAN, JAN, CODABAR, 2-dimension: PDF417, QR Code, DATA Matrix
Driver	Microsoft Windows XP/VISTA/7, Windows CE, Linux, Android OS Compatible
H/W Spec.	MCU: 32 bits RISC, FLASH: 4MB, RAM: 8MB
MSR (optional)	ISO 7810/7811/7812 (triple track 1, 2 & 3)
Smart card Reader (optional)	ISO 7816 Compliant (EMV level 1 Certified)
LCD Display	128x32 resolution FSTN (Blue LED Backlit)
Battery	Rechargeable 7.4VDC, 1800 mAh (Li-ion)
Battery Charger	Input 100 to 240VAC, 50 to 60Hz, Output 8.4VDC @ 0.8A (4 hours for full charge – 1 hour continuous printing)
Print Head Life	50km
Relative Humidity	10 to 80% (non-condensing)
Operating temperature	-10°C to 50°C



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