

Mobile Printer

(MSR & Smart Card Reader)



PORTI-SM40



Standard Accessories

Battery charger, Roll paper, Interface cable, Rechargeable battery

Technical Specification

General Features

- Pocket size (80.5mm × 112mm × 46mm).
- Light weight (300g) for true mobility.
- Very silent printing thru direct thermal printing method.
- High speed (50mm/sec, MAX)
- High resolution (203dpi, 8dot/mm)
- RS-232C or TTL, Bluetooth interface
- Support magnetic Stripe Reader & Smart card reader.
- Graphic LCD(128 × 32dots) with Backlight.
- Support text and graphic printing.
- Easier paper roll loading by CLAMSHELL design.
- Easier maintenance with self-diagnostic.
- Microsoft Windows 98/ME/XP/2000 compatible.

Application

Point of transaction, Traveling and Mobile computing, Traveling sales, Retail, Transportation, Warehousing and Distribution, Point of sales, Hospitality, Gaming and Healthcare

Item	Specification
Printing method	Direct thermal line printing
Characters per line	42cpl(MAX)
Character size	English : 9 × 24dots, 12 × 24dots Korean : 16 × 24dots [24 × 24dots]
Resolution	203dpi, 8dots/mm
Print width	2-inch (48mm, 384dots)
Printing speed	50mm/sec(MAX)
Dimensions (W × D × H)	80.5 × 112 × 46mm
Weight	300g
Interface	RS-232C or TTL, Bluetooth
Paper supplied	Thermal roll paper (57mm wide, 40 ϕ)
Barcode supplied	PDF417, Code128, Code39, I2/5, Code93, UPC, EAN(KAN, JAN), CODABAR
Receive buffer size	10K bytes
MSR	ISO 7810 / 7811 / 7812 1&2 or 2&3 Track Reading
Smart card reader	ISO 7816 Compliant (EMV level 1 Certified) T=0, T=1 support, 2 SAM (Security Access Module)
LCD	128 × 32 Dots FSTN
Battery	Rechargeable 7.4V DC, 1000mAh(Li-ion)
Battery duration	1 hour continuous printing
AC adapter	Input (100~250VAC, 50~60Hz) Output (8.4VDC/0.8A), 4hours full charge time
Environment Conditions	· Temperature : -10°C ~ 40°C (operating) / -10°C ~ 70°C (storage) · Humidity : 30% - 80% (operating) / 10% - 90% (storage)
MCBF(Mean Cycle Between failure)	· Mechanical : 37,000,000 lines · Head : Approximately 50Km

※ The appearance and specification of the product would be changed without notice in order to improve it. The production may be a little bit different from the real situation.