

Operational Description

■ Introduction

The **Porti-PC40** is the ideal solution for Mobile banking system , Retail, point of sales, Credit card Transaction, other traveling and mobile computing etc.

The general features of **Porti-PC40** printer are as follows:

- ▶ Pocket size(105 x 80.4 x 45.7mm)
- ▶ Light weight(286g) for true mobility.
- ▶ Very silent printing thru direct thermal printing method.
- ▶ High speed(50mm/sec)
- ▶ High resolution(203dpi : 8dots/mm).
- ▶ Magnetic Stripe Reader included.
- ▶ Easier paper loading by CLAMSHELL design.
- ▶ Support text and graphic printing.
- ▶ RS-232C or TTL interface
- ▶ Easier maintenance with self-diagnostics.
- ▶ Flow control : Software (XON/XOFF)
 - ※ Hardware flow control not supported in printer.

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■ Operating Precautions

Please follow the precautions below to enjoy and maintain the full performance of the printer.

► Using the Printer

- Be careful not to drop or bump the printer on a hard surface.
- Do not install the printer in direct sunlight or such areas.

Suitable environment for the use of the printer is as follows :

◆ Operating temperature : -10°C to 40°C

◆ Relative humidity : 10% to 90% (no condensation)

- Do not install the printer near devices that generate strong electromagnetic fields such as a copy machine.
- Do not remove or reinstall the communication cable during printing or transmission.

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Specification

Item	Description	
Printing method	Direct thermal line printing	
Characters per line	42cpl	
Character size	Eng. : 9*24dots, 12*24dots Kor. : 16*24dots, [24*24dots]	
Resolution	203dpi, 8dots/mm	
Print width	2-inch (48mm, 384dots)	
Printing speed	50mm / sec	
Dimensions	105 x 80.4 x 45.7 mm	
Weight	286g	
Interface	RS-232C or TTL	
Paper supplied	Thermal roll paper (57mm wide, 40ø)	
Barcode supplied	PDF417(2-dimension), Code128, Code39, I12 / 5, UPC, EAN, KAN, JAN, CODABAR	
Receive buffer size	10K bytes	
Note	Printing speed may be slower, depending on the data transmission speed and the combination of control commands.	
Input Power	12~24V DC, Standby 60mA and Max 3A	
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 50 Km