

## PORTI - SC40N



### General Features

- ›Pocket size (80.5 x 113.5 x 46mm)
- ›Light weight(300g) for true mobility
- ›Very silent printing thru direct thermal printing method
- ›High speed (80mm/sec, MAX)
- ›High resolution (203dpi:8dots/mm)
- ›UART or TTL, Bluetooth Ver2.0 interface
- ›Support Magnetic Stripe Reader
- ›Graphic LCD (128 \* 32 dots) with Backlight
- ›Support text and graphic printing
- ›Easier paper roll loading by CLAMSHELL design
- ›Easier maintenance with self-diagnostics
- ›Free fall: 1 meter onto concrete (option 1.5 meter)
- ›Microsoft Windows ME / XP / 2000 / VISTA OS compatible

### Applications

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

### Technical Specifications

Item	Specification
Printing	Direct thermal line printing
Characters per line	42cpl (MAX)
Optional Characters	Simplified/Traditional Chinese, Arabic, Cyrillic, Russian, Turkish, Greek, Japanese, Persian, Latin9 and Others upon request.
Character size	Eng. : 9x24dots, 12x24dots Kor. : 16x24dots [24x24dots]
Resolution	203dpi, 8dots/mm
Print width	2-inch (48mm, 384dots)
Printing speed	80mm/sec (MAX)
Dimensions (WxDxH)	80.5 x 113.5x 46mm
Weight	300g
Interface	UART or TTL, Bluetooth Ver2.0
Paper supplied	Thermal roll paper, (57mm wide, 40ø)
Barcode	1-dimension : Code128, EAN 128, Code39, I2/5, Code93 UPC, EAN, KAN, JAN, CODABAR 2-dimension : PDF417, QR Code, DATA Matrix
Black mark	Support black mark detection
H/W Spec.	MCU : 32bit RISC, FLASH : 4M bytes, RAM : 8M bytes
Receive buffer size	1M bytes
MSR	ISO 7810/7811/7812 1&2 or 2&3 Track Reading
LCD	128*32 Dots FSTN
Battery	Rechargeable 7.4V DC 1,200mAh (Li-ion)

Battery duration	1 hour continuous printing	
AC adaptor	Input(100~250VAC, 50~60Hz) Output(8.4VDC/0.8A), 4hours full charge time	
Operating temperature	-10°C ~ 50°C	
Storage temperature	-10°C ~ 70°C	
MCBF(Mean Cycle Between failure)	Mechanical	37,000,000 lines
	Head	Approximately 50Km