

# DEFENDER SERIES



## D - 4.0

### MOBILE PRINTER



## APPLICATIONS

- Field sales and service
- Banking
- Hospitality
- Utility billing
- Transportation
- Restaurant
- Safety
- Material management
- Parking
- etc...

## FEATURES

- Direct thermal printing method
- Quick and efficient printing
- Long lasting Lithium-ion battery (7.4V, 2500mAh)
- Easy drop-in clamshell paper loading
- Support a wide variety of serial and wireless communication options
- Continue printing when battery in charging
- Easy to store setup parameters by Setup Tools
- In field programming – Update Firmware, Download Fonts and Logos
- Support Android and Windows Operating Systems
- Support iOS (optional)
- Support Malaysia National ID card (Mykad)
- Support Malaysia Telco cards
- Optional Finger Print reader for MyKad verification
- Optional Contact Smart Card ISO7816 standard
- Optional Contact NFC Card Reader ISO18092 standard
- Optional 128 x 32 Dots Graphic LCD with White LED Backlight

## ACCESSORIES & MEDIA SUPPLIES:



Carrying case with  
Shoulder Strip and Belt  
Loop System



Adaptor



Thermal Paper Roll



<b>Printing</b>	<b>Model</b>	<b>D - 4.0</b>
	Technology	Direct thermal line printing
	Speed	80mm/s (average), 120mm/s (max)
	Resolution	8 dots/mm, 832dots/line
	Width	104mm
<b>Characters</b>	Set	ASCII, GB2312-80 (Simplified Chinese)
	Font	ANK: 8*16,12*24,16*24 Chinese: 12*12,16*16,24*24
	Words per line	104
<b>Paper supplied</b>	Type	Thermal roll paper
	Width	113±0.5mm (compatible with 80mm)
	Diameter	Max 60.0mm
	Thickness	0.06 - 0.07mm
	<b>Thermal paper</b>	<b>Support thermal label printing</b>
<b>MCBF</b>	Mechanical	37 million lines
	Printhead life span	50km
<b>Barcodes</b>	1D: Code39, Code93, Code128, EAN8, EAN13, UPC-A, UPC-E, ITF, CODABAR, GS1 DATABAR (TYPE1~6) 2D: QRCODE, PDF417, DATAMATRIX, Micro PDF417, Truncated PDF417, MAXICODE	
<b>Interface</b>	USB; RS232; Bluetooth ® 4.0 (optional)	
<b>Memory</b>	8MB flash, 16MB SDRAM (optional 32MB flash & 64MB SDRAM)	
<b>Charger</b>	DC9.5V/2A	
<b>Battery</b>	DC7.4V, 4000mA Rechargeable Li-ion	
<b>Battery duration</b>	2 hours continuous printing or 20 rolls of papers; standby time 36 hours	
<b>Physical</b>	Dimension (W * L * H) mm	150 x140 x68mm
	Weight	750g without paper roll, 900g with paper roll.
<b>Optional add-ons</b>	<b>Finger Print Reader</b>	For MyKad verification, etc. (Model: I - 4.0 F)
	<b>NFC with SAM slot</b>	Near Field Card Reader ISO18092. (Model: I - 4.0 N)
	<b>Smart Card 7816 with 2 SAM slots</b>	ISO7816 for MyKad application, etc. (Model: I - 4.0 S)
<b>Firmware</b>	Compatible with CPCL, EPL, ZPL programming languages	
<b>LCD Display</b>	128 x 32 dots	
<b>Media Sensors</b>	Black mark sensor, gap media sensor, label present sensor	
<b>IP rating</b>	IP54 (with carrying case). Multi drops from 1.8meters / 6' on 6 faces	



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Demo apps can be downloaded @

Google Play Store – PrintSam for Android

App Store – PrintCubeBT for iOS

Win driver can be downloaded @

[www.sid-global.com](http://www.sid-global.com)