



SUPER INTELLIGENT DEVICE
ISO9001: 2008

DEFENDER SERIES



D - 3.0

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



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Printing	Model	D - 3.0
	Technology	Direct thermal line printing
	Speed	80mm/s (average), 120mm/s (max)
	Resolution	8 dots/mm, 832dots/line
	Width	80mm
Characters	Set	ASCII, GB2312-80 (Simplified Chinese)
	Font	ANK: 8*16,12*24,16*24 Chinese: 12*12,16*16,24*24
	Words per line	80
Paper supplied	Type	Thermal roll paper
	Width	80±0.5mm (compatible with 80mm)
	Diameter	Max 60.0mm
	Thickness	0.06 - 0.07mm
	Thermal paper	Support thermal label printing
MCBF	Mechanical	37 million lines
	Printhead life span	50km
Barcodes	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	
Interface	USB; RS232; Bluetooth @ 4.0 (optional)	
Memory	8MB flash, 16MB SDRAM (optional 32MB flash & 64MB SDRAM).	
Charger	DC9.5V/2A	
Battery	DC7.4V, 3000mA Rechargeable Li-ion. 2 hours charging time	
Battery duration	2 hours continuous printing or 20 rolls of papers; standby time 36 hours	
Physical	Dimension (W * L * H) mm	128 x100 x68mm
	Weight	400g with battery
Optional add-ons	Finger Print Reader	For MyKad verification, etc. (Model: D - 3.0 F)
	NFC with SAM slot	Near Field Card Reader ISO18092. (Model: D - 3.0 N)
	Smart Card 7816 with 2 SAM slots	ISO7816 for MyKad application, etc. (Model: D - 3.0 S)
Firmware	Compatible with CPCL, EPL, ZPL programming languages	
LCD Display	128 x 32 dots	
Media Sensors	Black mark sensor, gap media sensor, label present sensor	
IP rating	IP54 (with carrying case). Multi drops from 1.8meters / 6' on 6 faces	



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For more information:

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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