

The Next Generation Payment Solution

SHM-1000



KEY FEATURES

- Integrated 2" Thermal Printer
- Can Process Various Card Types – Smart card (IC), Magnetic card and RF card
 - EMV Level 1/2, NFC(ISO18092), RFID(ISO14443)
- Contactless Payment Terminal (Europay, Master and Visa Card Certified)

SPECIFICATIONS

PHYSICAL CHARACTERISTICS	
DIMENSION (W x H x D)	112 x 244 x 64.2 mm
WEIGHT	636g (incl. Battery)
DISPLAY	3.5" QVGA (240x320) TFT, Touch Screen with Resistive
KEYPAD	12 key alphanumeric, mode, enter, tab, 3 functional keys, up, down, printer, scanner
BATTERY	7.4V / 2,600mA Rechargeable Li-ion
ADAPTOR	Input : 100~240V, 50~60Hz / Output : DC 9.0V
EXPANSION SLOT	1 Micro-SD (up to 32GB)
SIM / SAM SLOT	1 SIM / 4 SAM
PRINTER	2" Thermal Printer
AUDIO	Mono speaker
CAMERA	5.0M pixels Auto Focus with Flash LED
GPS	Integrated SiRF Star 4
NOTIFICATION	4 LEDs NFC, 2 Colors and 2 LEDs
PERFORMANCE CHARACTERISTICS	
CPU	ARM11 800MHz
OS	Windows CE 5.0
MEMORY	256MB DRAM / 1GB NAND Flash Memory
INTERFACE	DC JACK, Docking 16pin I/O, mini USB (Sync.)
USER ENVIRONMENT	
OPERATING TEMP	-10°C to 50°C
STORAGE TEMP	-20°C to 60°C
HUMIDITY	95% non-condensing
DROP	Stands 1.2 meter drop test
INTEGRATED RADIO	
WWAN RADIO	GSM/GPRS/EDGE/WCDMA/HSDPA
WLAN RADIO	IEEE 802.11a/b/g/n
DATA CAPTURE	
BARCODE SCANNER	1D Laser Class II, 2D CMOS Imager
RFID READER	HF 13.56MHz, ISO18092(NFC), ISO14443 A/B, ISO15693
TRANSACTION & PAYMENT	
MSR	Bi-directional, Track1/2/3, ISO7810, ISO7811, ISO7813
CONTACT PAYMENT	IC Card reader with 4SAM, EMV Level 1&2, ISO7816
CONTACTLESS PAYMENT	EMV Level 1&2, Master PayPass & Visa Wave

* Please ask your sales representative for the future-upgradable specs.



INDUSTRIAL APPLICATIONS



Copyright 2016, Shin Heung Precision Co., Ltd. All Rights Reserved.
Specification subject to change without notice. Battery performance will vary based on software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions.

Shin Heung Precisions Co.,Ltd.

9F, Flat-C, Woolim Lion's Valley, Gasan Digital 1Ro 168, Geumcheon-gu, Seoul, 08507, Korea

www.sam4s.com

