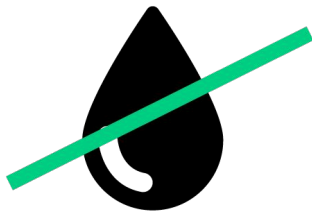


## HSNM printer

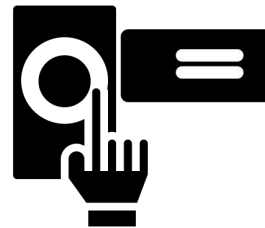
HSNM Printer is integrated with HSNM and the ideal device if you want something quick, easy, ready-to-go and reliable.

Serve guests from the front desk or on the road!  
The proper tool for the requirements of every single reception, hotels, campsites, museums, swimming pools, discos and ideal product on buses, trains, ferries, ships, taxis, beaches. A handy printer for your customers' venues.



### **Thermal Printer.** **You never run out of ink**

HSNM Printer is integrated with HSNM and the ideal device if you want something quick, easy, ready-to-go and reliable.  
Serve guests from the front desk or on the road!  
The proper tool for the requirements of every single reception, hotels, campsites, museums, swimming pools, discos and ideal product on buses, trains, ferries, ships, taxis, beaches. A handy printer for your customers' venues.



### **Just one click to print** **a card or a voucher**

The printing of vouchers is straightforward and intuitive. Simply press the F1 button and select what you want to print. Customize the brand, the text with instructions or use it to deliver advertising content. Multilanguage printing and connection via WiFi.

## Printer Specifications

### Hardware/software/Mechanical

CPU	SIM840w
Memory	Flash:8MB RAM:4MB
GSM module	SIM840w
Display	128*64 pixels
Keyboard	21keys
Battery	1500mAh Li-ion battery, supports printing by battery supplied. Can be used for more than 96 hours in idle mode by battery supplied
Developing environment	OS of SIM840w for design
Dimensions	202mm*90mm*57mm
Weight	0.43kg

### Power supply & application environment

AC input voltage	90V~250V AC
Power adapter output	DC 12V/2A
Operating temperature	-15°C~55°C
Relative humidity	10%~95%
Environment noise	≤60dB(A)
Atmospheric pressure	86~106kPa
RF transmit frequency	GSM850 824-849MHz E-GSM900 880-915MHz DCS1800 1710-1785MHz PCS1900 1850-1910MHz
Frequency stability	<2.5ppm

### GSM parameters

Receiver sensitivity	<-104dBm
GSM protocol	ETSI GSM Phase 2+
Transmit power	<2W(GSM, EGSM), <1W(DCS, PCS)
SIM card interface	1.8V& 3V
Antenna	Internal,50Ω impedance,3dB gain

### Micro Printer

Printing method	Thermal-line dot method
Paper	Thermal roll paper (standard) 57*45 mm
Effective Printing area	48mm
Speed	Maximum 70mm/sec(480 dot line/sec)
Printing resolutions	8 dots/mm
Character	12*24dots
Number of columns	32columns/line
Printing head life	Pulse resistance:100 million pulses/dot (under our standard conditions); Abrasion resistance: paper traveling distance 50km (print ratio:25% or less)