

www.hntech.co.kr

Mobile POS Multifunctional Terminal

HIT-6100 User's Guide

Mobile POS & Multifunctional Terminal



www.hntech.co.kr

 **HUMAN & TECHNOLOGY**
Perfect harmony between
#124-5, Ojeun-Dong, Euiwang-City, Kyungki-Do, Korea
Phone 82 31 428 6600 Fax 82 31 428 6649

1. Organization of product

- 1.1 Package includes
- 1.2 Name and function for each part

2. Terminal function

- 2.1 Battery
- 2.2 Power ON/OFF
- 2.3 How to use the stylus pen
- 2.4 How to use the printer
- 2.5 How to use barcode
- 2.6 The use of MSR
- 2.7 The use of IC Card
- 2.8 The use of Extension Slot

3. Connection with PC

4. Specification

5. Note

6. Warranty

■ Before using this terminal, please read this manual. This manual can be modified to improve performance of product.

1. Organization of product

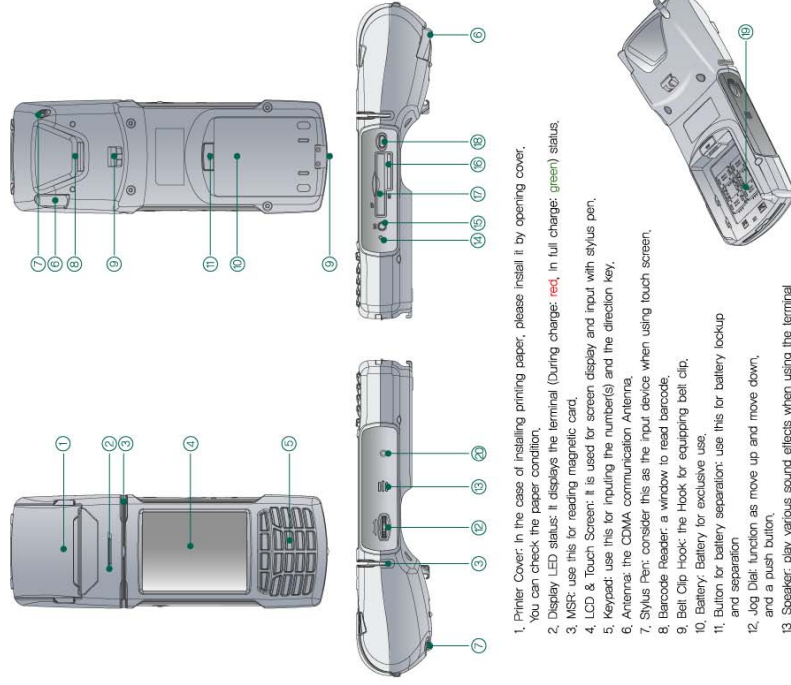
1.1 Package includes

Before using this terminal, please make sure if you have all parts mentioned below. If any parts of all is missing, please contact the place where you bought it.

Terminal body	Stylus Pen	Battery	Print Paper
			
Cradle	AC Power Cable	USB Cable	Dummy Card (CF, SD)
			
User's Guide	Coil Spring	Belt Clip	
			
Optional			
Battery Cradle	Serial Cable		

1. Organization of product

1.2 Name and function for each part (understand character of hardware).



1. Printer Cover: In the case of installing printing paper, please install it by opening cover. You can check the paper condition.
2. Display LED status: It displays the terminal (During charge: **red**, in full charge: **green**) status.
3. MST: use this for reading magnetic card.
4. LCD & Touch Screen: It is used for screen display and input with stylus pen.
5. Keypad: use this for inputting the number(s) and the direction key.
6. Antenna: the CDMA communication Antenna.
7. Stylus Pen: consider this as the input device when using touch screen.
8. Barcode Reader: a window to read barcode.
9. Belt Clip Hook: the Hook for equipping belt clip.
10. Battery: Battery for exclusive use.
11. Button for battery separation: use this for battery lockup and separation
12. Jog Dial: function as move up and move down, and a push button.
13. Speaker: play various sound effects when using the terminal.
14. Reset Switch: use this when resetting the terminal.
15. DC IN: use a jack to connect A/C adaptor when charging the terminal.
16. SD Card Slot: use this to expand memory through inserting SD Memory Card.
17. CF Card Slot: a slot for inserting CF Memory or I/O instrument for the CF type (in case of HT-6000M, there is no CF card slot).
18. Barcode Scan Button: use this button for Barcode scan.
19. SAM Socket: a socket for inserting appropriate SAM Card when using IC Card.
20. Ear-mic Jack: a jack to connect Ear-mic. (in case of HT-6000M, there is no ear-mic jack)

2. Terminal function

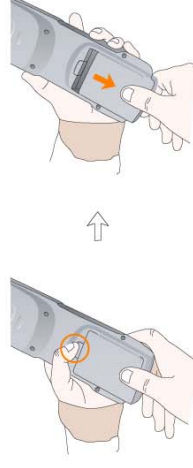
2.1 Battery

2.1.1 Battery Connection and separation

Connection : After connecting battery to terminal as the figure shown below, push it up as you hear the sound.



Separation : when pressing the separation battery button, push it down the battery separation button to separate from terminal.



2.1.2 Battery charging

- when attaching battery to terminal, connect AC adaptor to DC IN connector then battery charging is on its way to start,
- when charging, the terminal's display status lamp shows old gold color, and when completing, the color changes to green.

2.1.3 Battery charging with multi-charger

- After separating battery from terminal, it is charging as it connects to multi-charger. When using the multi-charger, two batteries are charging simultaneously.

2. Terminal function

2.2 Power ON/OFF

2.2.1 Power ON/OFF

- The terminal power is on as you press the power key.
The status of terminal sets as the "sleep" mode as you press the power key once again. In sleep mode, the terminal consumes less electricity power, and the terminal will be back to the mode before sleep as you press the power key.

2.2.2 Reset

- Soft Reset : When pressing a reset button, soft reset is activated. However, the data of terminal will not be deleted.
When terminal does not work because of collision among programs installed in terminal, you can restart the terminal using Soft Reset.
 - Cold(Hard) Reset : when terminal does not work at all after Soft Reset, terminal can be completely initialized through hard reset. While doing this, all programs installed on terminal and data may be deleted. Keep this always in mind when using it!
- 1) Press reset switch as you press power button.
 - 2) If you keep pressing the power button, reset menu will show up.
 - 3) Select cold reset.

2. Terminal function

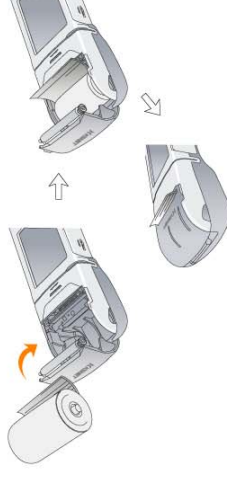
2.3 How to use the stylus pen

- as shown below, after separating stylus pen, hold pull the edges of stylus pen then use it. When stylus pen is not in use, keep it in the custody groove.



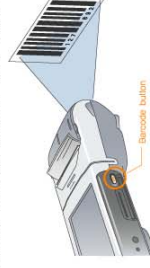
2.4 How to use the printer

- 2.4.1 see figure as shown below, after opening printer cover, put printing paper into the printer.
- 2.4.2 After placing papers a little over the cover then close it.
- 2.4.3 You can check and see the translucent printer cover if there are some remaining papers.



2.5 How to use barcode

- After putting terminal toward barcode you want to read, press barcode button
- In completing barcode reading, you can hear the "beep" sound.



2. Terminal function

2.6 The use of MSR

See figure as shown below. The magnetic strip of magnetic card reads all the way up to the printer. It can be read in both ways (Mag-Printer and vice versa).



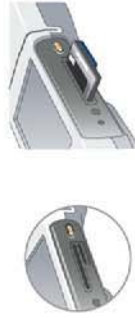
2.7 The use of IC Card

shown as below, Insert IC Card.



2.8 Extension Slot

shown as below, you can extend memory space by inserting SD Card and CF Card.



3. Connection with PC

3.1 Connection with PC

1. Download ActiveSync program from Microsoft homepage or our homepage.
2. Run downloaded ActiveSync program (MSAVNC.EXE).
3. When a window shown below pops up, click next.



4. When a window shown below pops up, click next. When changing path of installation, click Change and select path of installation.

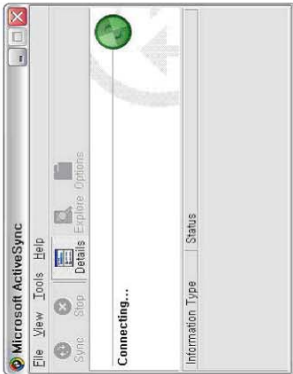


3. Connection with PC

5. When ActiveSync installation is completed and a window shown below pops up, connect terminal to PC with a cable.



6. When you connect terminal to PC, the ActiveSync runs as below and do the connection.

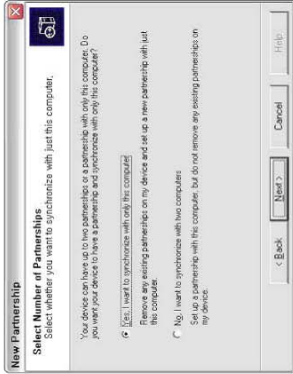


3. Connection with PC

7. When connection is done, a window pops up as below. Select Yes and click Next. In case of temporary connection, select No.



8. In case of synchronized with one PC, select Yes. For two PCs, select No.

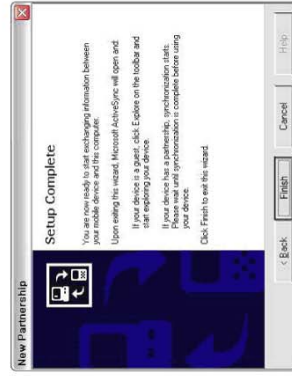


3. Connection with PC

9. In the window shown below, select items to be synchronized.



10. When you click End, installation is completed.



4. Specification

4.1 Specification

Specification		HIT-6100WL	HIT-6100WC
Approx. dimensions	W	80mm	80mm
	H	223mm	223mm
Approx. weight	D	54mm	54mm
	Weight	500g	500g
Display	Type	TFT Type (65,000 Color)	TFT Type (65,000 Color)
	Resolution	240 x 320	240 x 320
Active area	Back light	LED	LED
	Type	7.4V 2000mAh lithium-ion	7.4V 2000mAh lithium-ion
Battery	Standby time	10 hours (Backlight on)	10 hours (Backlight on)
	Charge time	3 hours	3 hours
Operating temperature	Charge methods	Direct Charger, 0 C to 50 C	Direct Charger, 0 C to 50 C
	Storage temperature	-20 C to 50 C	-20 C to 50 C
Humidity	Storage temperature	95% non condensing	95% non condensing
	Key pad	20Key+log dial	20Key+log dial
CPU	Core	32 Bit Xscale 400 MHz	32 Bit Xscale 400 MHz
	RAM	SDRAM 64 M	SDRAM 64 M
Memory	ROM	Flash 64 M	Flash 64 M
	MSR	ISO 7810 Track I, II or III	ISO 7810 Track I, II or III
IC Card	ISO 7816 EMV I, II	ISO 7816 EMV I, II	ISO 7816 EMV I, II
	SAM	4 SAM	4 SAM
OS	WinCE.net4.2 / English	WinCE.net4.2 / English	WinCE.net4.2 / English
	WLAN Type B, G	WLAN Type B, G	WLAN Type B, G
Communication	Serial	RS 232C	RS 232C
	USB	USB 1.1 (Client)	USB 1.1 (Client)
Printer	Max. Character	English 42 characters/line	English 42 characters/line
	Jack	X	Jack
Sound	Ear-mic	AC' 97 Audio	AC' 97 Audio
	Speaker	95V to 265 V	95V to 265 V
Power supply	AC Input	9.0V 2A	9.0V 2A
	DC Output	Integrated hand strap	Integrated hand strap
Miscellaneous items	Hanger	Sylus pen & Coil Spring	Sylus pen & Coil Spring
	USB cable	USB cable	USB cable
Option		RS 232C, Min USB, DC power	RS 232C, Min USB, DC power
Cradle		Laser Type, 1D	Laser Type, 1D
Barcode scanner		2 Pocket	2 Pocket
Battery Charger		USB + Serial	USB + Serial
Dual Cable			

5. Note

- After purchasing product, please check and see all parts named at user manual. If there is a problem, please contact the place where you bought it.
- For the first use, use it when a battery fully charged.
- Dropping product or strong impact on it can become damage the product. So, please handle this with care.
- If possible, please do not use the product in the places where are too hot, too humid.
- Separating and remodelling main body and battery at your discretion may damage the product.
- The battery running time shows just about half comparing to the first use in full, change it to the new one.
- The manufacturing company is not responsible for loss of user data. When you use it, please always back up important data.
- If you need to write something down on LCD display or click it, be sure to use the stylus pen offered when purchased product. When using common pen or pointed thing, the surface of LCD and touch screen can damage.
- When you clean up LCD display screen, after switching off, please polish it by using soft cloth and monitor cleaner.

Sellers and users need to acknowledge that this instrument is good for business and it is registered on electromagnetic wave suitability. If you think that you sold bought the wrong one, please exchange it to home instrument.



6. Warranty

**Thank you for your business
We, H&T guarantees product as below in accordance
with the compensation regulation for the loss of customer.**

Model :
Date of purchase : year month day
Purchasing place :

Free service

In case that trouble occurs within one year after purchase (product warranty period), you can have free service according to our regulation and compensation regulation for the loss of customer.

Paid service

1. When there seems no trouble.
 - Please read the user manual before visiting service center due to service fee charged.
2. In case of customer's blunder
 - Carelessness of use (submergence, impact), trouble originated from voluntary repair and alternation
 - In case of damage when using the product illegally.
 - In case of damage when dropping it after installation.
3. the other cases
 - Damaged by natural disaster such as earthquake, flood, and fire
 - Aging of wasting part (battery, and etc)

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This Device may not cause harmful interference, and
(2) This Device must accept any interference received, including interference that as any case audited operation.

Caution: Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device is approved as a handheld and hand-operated device only with respect to RF exposure compliance.
This device must operate with a separation distance of at least 20 cm from a person's body and must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The verification form of wireless equipment and written publicity regarding form registration

1. This product should be used with MIC's written approval.
2. The users cannot add the extra(additional) parts which do not fit and cause the change of capacity to this product.

H & T CO., LTD