HK800 SERIES POS SYSTEM

USER'S   MANUAL

Hisense Intelligent Commercial Equipment Co., Ltd.

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Catalog

I. Guide for Installation

1. Application Range and Characteristics

Hisense HK800 series POS:

1. Adopted Intel® technical design with low power consumption and eco-friendly characteristic;

2. Flexible and reliable touch technique makes the operation more humanized and easier.

3. Worldly adopted vertical AIO status makes it steady and less space occupation.

4. Make the screen as integrating center and the screen angle of HD screen can be adjusted casually according to your need.

5. Modularity design for free-tool disassembly makes the disassembly convenience and maintenance easier and convenient to system update.

6. The safe enriched and alterable interface technology makes the POS elect various peripherals.

To sum up, the HK800 is one new modality commercial POS with high performance, low power consumption and convenient to maintenance. It supplies the suitable solution for such commercial clients as top grade department stores, large shopping malls, , , fine collection stores, specialty stores, Chinese and western restaurants, and other different business modes.

2 Open-package Inspection

Opening the package case to check all the components whether they are all ready and neat according to the packing slip within the package case.

3. Use Environment

Voltage: AC220V 50Hz two-pole with earthing

Current: 3A

Working Temperature: 5℃ ～ 40℃

Working Humidity: 20% ～ 90%

Size of whole machine: (width) 368mm×(depth)380mm×(height)400mm

4. System Installation

The equipment must be installed by technical service personnel or franchisers

Note:

The POS system requests the external power supply to have the good earthing, the earth resistance is smaller than 0.1Ω, if there is no power earthing or the earthing is bad, it may cause the cabinet electrification, with hiding danger to the operator, and affects POS system's steady operation. Disassembly the interior of the mainframe, please without fail to close the main power and pull out the power supply line of the adapter or cause the interior electrification to damage the equipment, also has hiding danger to the operator.

5. Components of POS machine

HK800 various parts and function like in the figure

5.1 The solid figure

Touch screen

MSR

Mainframe

5.2 Side elevation

USB

Power LED

Harddisk LED

SWITCH
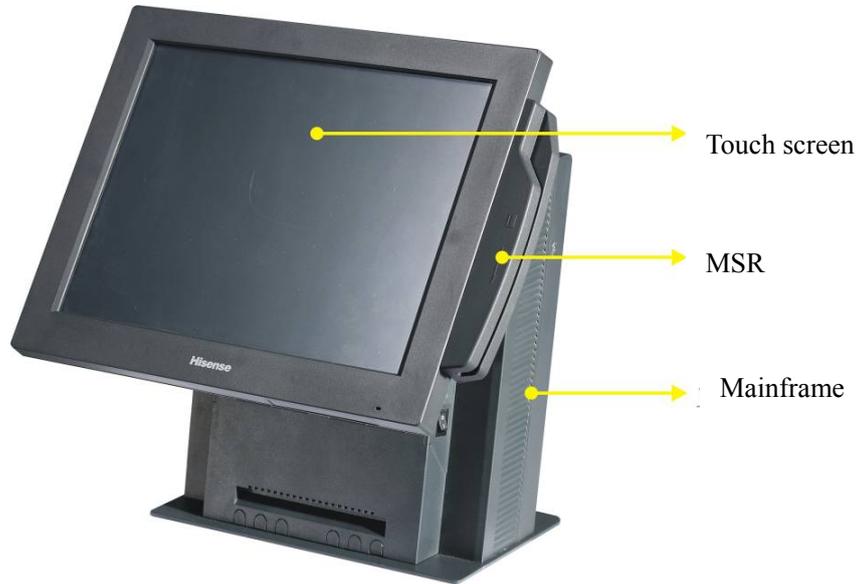
5.3 Rear end ports indication

(The details may have a little difference, the actual distribution subject to your POS)

6 Assembly and Disassembly of POS Simple Indication

6.1 Disassemble the back shell

① Counter-clockwise unscrew the bolts located both sides
② Lift up tilted by hand the back shell to get across the position pin;
③ Draw back a little of the back shell;
④ Pull out the back shell towards up tilted.

Limited pin

6.2 Circumrotate the mainboard bracket

①Counter-clockwise unscrew the bolts located both sides of interior
②Glide the shield bracket towards back and down following the track
③Circumrotate the shield bracket to connect corresponding cables
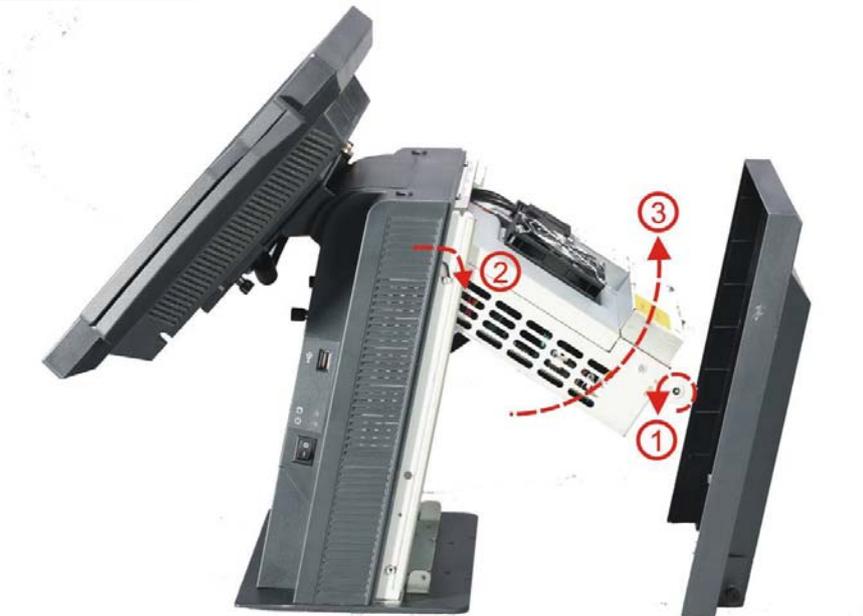
6.3 Disassemble harddisk

① Counter-clockwise unscrew the bolts located both sides;

② Fish up forward the harddisk cable cover;

③ Counter-clockwise unscrew the bolts of the hardisk;

④ Push up a little of the harddisk bracket then pull it ahead and open, disassemble the bracket, pull out the cable.

6.4   Cable-exceeding has different options duo to the differernt use environment:

①Front cable-exceeding
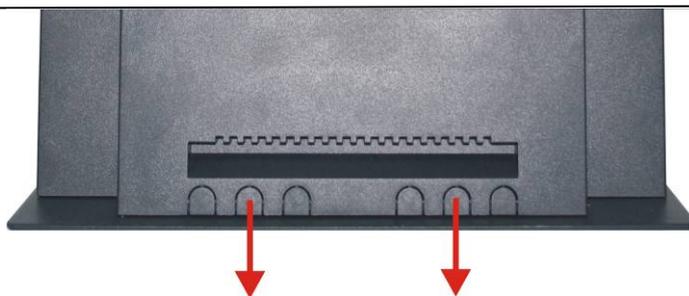
②Bottom cable-exceeding
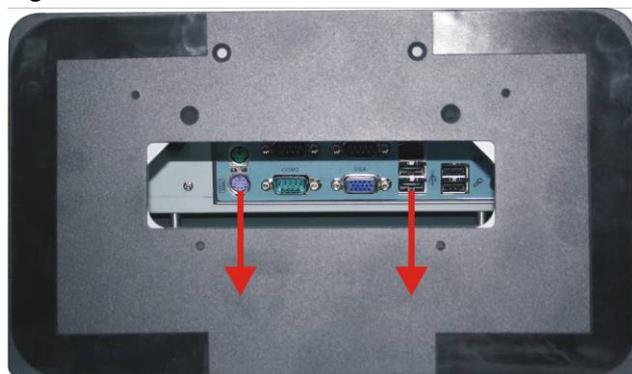
③Rear cable-exceeding

II Installation of Operating System and Driver

1. .Installation Method of Operation System

Note: HK800 series products support WIN98、WIN2000、WINXP VISTA Operating System, not DOS、WIN95 Operating System, some touch screen does not support WIN98 Operating System.

There are two methods to install the Operating System:

1st:

Running network software, connecting the background machine or other machine, copy the Operating System and files to the local harddisk and installation.

2nd:

Open the machine, loading the CD driver and installation.

Note: make sure the latest SP has loaded before install the Operating System.

2. Install Driver

2.1 Install Directory

945 Mainbord

List	Description
<CD>:\ Mainboard\Intel 945G\chipset\INF	Chipset Driver
<CD>:\Mainboard\ Intel 945G \VGA	Video Card Driver
<CD>:\Mainboard\ Intel 945G\Lan	Network Card Driver
<CD>:\Mainboard\ Intel 945G\Sound	Sound Card Driver
<CD>:\TouchScreen\ETTor AMT	ETTor AMTTouch Screen Driver
<CD>:\Keyboard	Keyboard Programming and Instruction
<CD>:\Print driver	Printer driver
<CD>:\MSR	MSR Setting Program
<CD>:\PROGRAME INSTRUCTION\OPOS	OPOS Program
<CD>:\PROGRAME INSTRUCTION	Printer、Cash Drawer、Customer Display DLL and program instruction
<CD>:\Manual	Printer、Cash Drawer、Customer Display DLL and program instruction

The driver installation is taking Win2000/xp as system platform and to other system is similar.

2.2 Chipset Driver Installation

Drive Route: \ Mainboard\intel 945G\Chipset\INF

Install:

a. double click "Setup"

b. affirm according to the clue on the screen, finally restart.

2.3 Video Card Driver Installation

Drive Route: \Mainboard\intel 945G\VGA\Win2KXP

Install:

a. double click "Setup"

b. affirm according to the clue on the screen, finally restart

2.4 Network Driver Installation

Drive Route: \Mainboard\intel 945G\Lan\PCIE\Setup

Install:

a. double click "Setup"

b. affirm according to the clue on the screen

2.5 Sound Card Driver Installation

Drive Route: \Mainboard\intel 945G\Sound\HDAudio

a. double click "Setup"

b. affirm according to the clue on the screen

2.6 Touch Screen Driver Installation (install the corresponding Driver according to the actual distribution)

Drive Route: \TouchScreen\ETT\vistaxp2kme98-ett

\TouchScreen\AMT\PM6000 USB Driver V2.0. 0.107

Install:

a. double click "Setup"

b. touch main screen

According to the clue of the screen
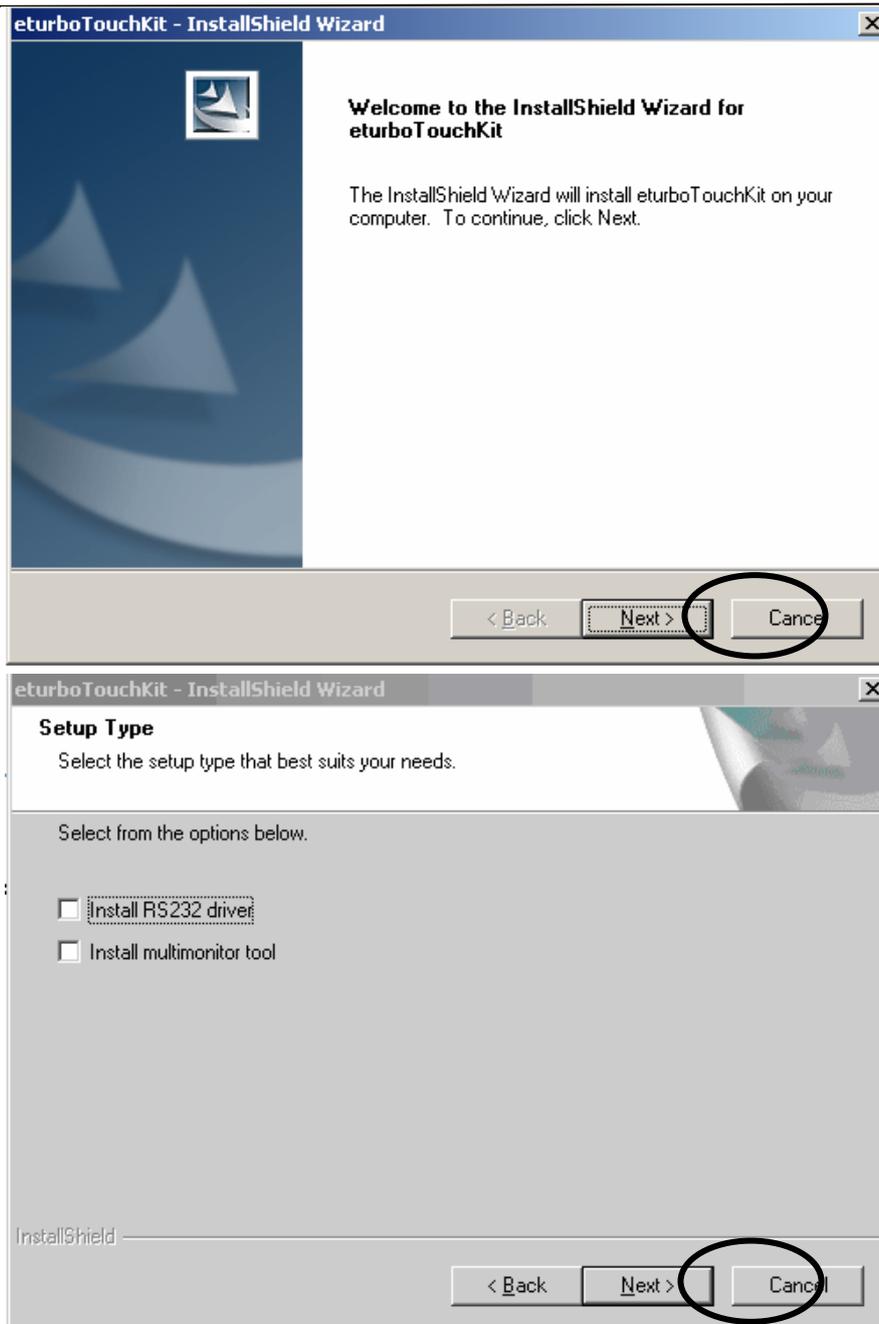
1

Here the clue shows the driver type (default is USB Driver), click "Next" button until the installation finished.

a.　Multimonitor Touch

The installation steps are like "b. single screen touch" Fig 1, select "Install multimonitor tool"like Fig 2.
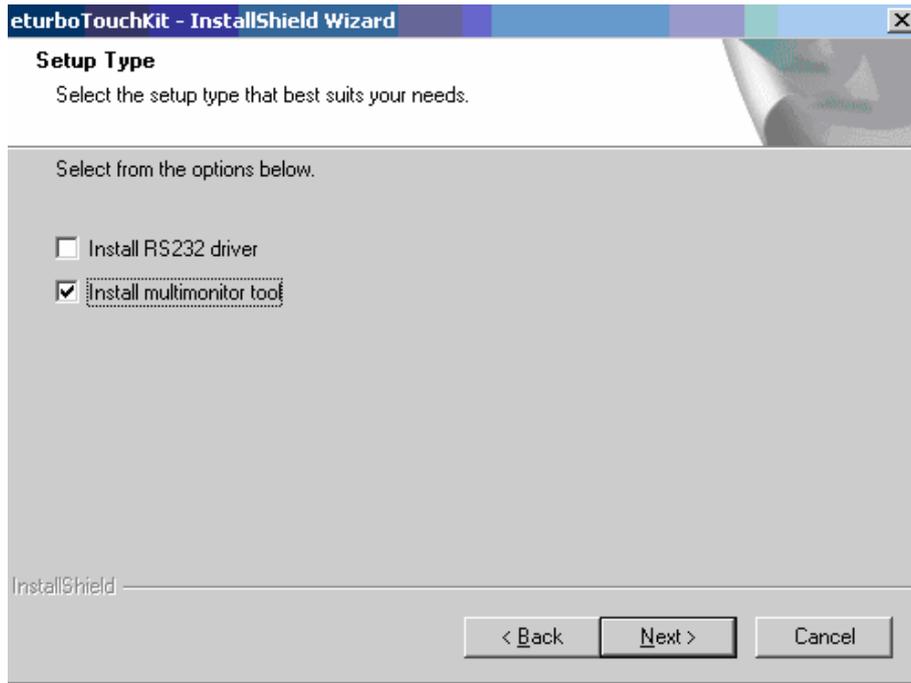
2

Click "Next" until the installation finished.

b. Touch Screen Calibration

Double click desktop icon , enter into touch screen setting interface, like Fig 3
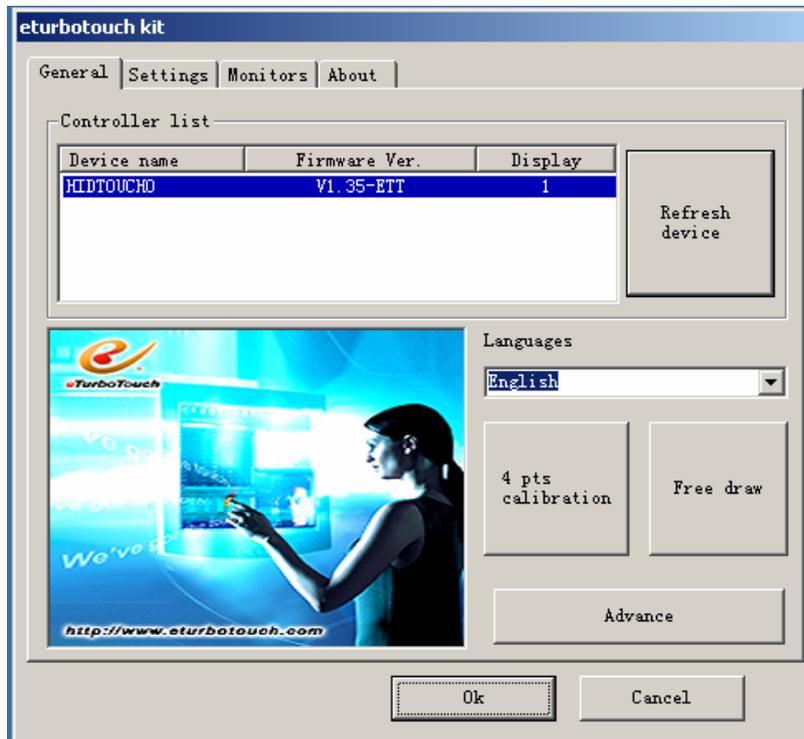
3

Click button, enter into 4 points calibration interface, according to the clue, click the

center of the figure until the ring color turns into yellow , click 4 points in

turn then click button and quit, the calibration is finished.

III. Installation of Peripherals

The following peripherals belong to options.

1. Printer and Cash Drawer

Installation of Printer and Cash Drawer
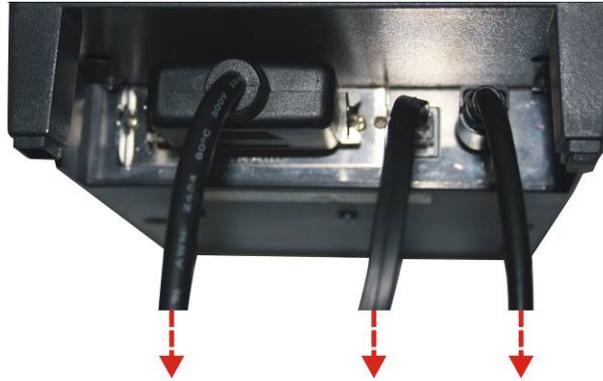
LPT to mainframe　　Connect to cash drawer　　Connect to printer adapter

1.2　Printer and Cash Drawer Program

To program the printer: according to the instruction '\program instruction\printer' in the CD affiliated to the equipment, calling printer DLL or program the driver according to the instance program.

To program the Cash Drawer: HK800 System uses printer to drive the cash drawer, according to the instruction '\program instruction\cash drawer' in the CD affiliated to the equipment, calling cash drawer DLL or program the driver according to the instance program

2. Customer Display

2.1　Install the Customer Display

① Insert the customer display groupware with motherboard expand-board and the signal line connected to COM3;

② Push the whole groupware forward to the mainframe, there are limiter structures in both sides.;

③ Using screwdriver from up to down, fix up the anti-fall-off bolt.

2.2 Customer Display Program Instruction

To program the Customer Display: according to the instruction '\program instruction\customer display' in the CD affiliated to the equipment, calling customer display DLL or program the driver according to the instance program

3. Keyboard

3.1 Keyboard connection: connect it to the PS/2 keyboard port in the mainframe.

3.2 Keyboard Program Instruction

Installation of keyboard program software:

Installation according to the 'POS Programmable keyboard program installation instruction-WIN' in '\Keyboard\Keyboard Instruction' of the CD affiliated to the equipment.

Keyboard's programming

To program the programmable keyboard according to 'KB66 Programmable keyboard user's manual-WIN' in '\Keyboard\Keyboard Instruction' of the CD affiliated to the equipment.

3.3The setting of the keyboard when ex-factory is as following:

4．Second VGA Display

4.1 Installation of second VGA display

The second VGA display signal line should be connected to the VGA port of the mainframe, the power supply line to DC 12V OUT.

The structure connection method is as to the 'customer display'

IV System Test

1. System Setting

The working voltage of customer display is 12V, the nine-pin voltage of COM3 has been set to 12V when leaving factory according to the type of customer display.

The setting of each key-press is set by software personal according to the request of POS programming.

Caution: When the nine-pin voltage of COM3 is higher than the working voltage of customer display, the customer display will be burned down.

2. System Self-check

Install the WINCHECK peripheral self-check program provided stochastically. Firstly copy the WINCHECK installation program to the hard disk, and then click Setup.exe to install the program following the clues indicated. During the process, please create shortcut to the desktop, then run the WINCHECK and appears the following menu:
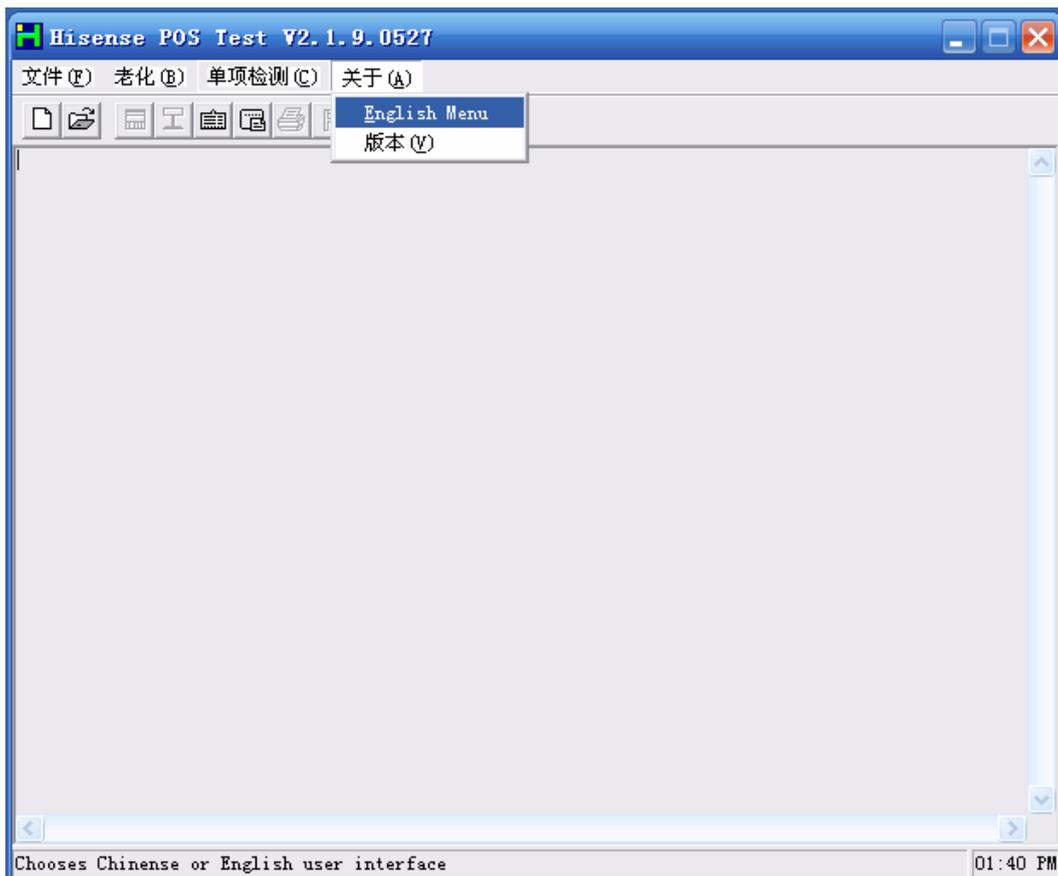
Click 'about (A)', select 'English Menu', then the menu reverses in English as following:
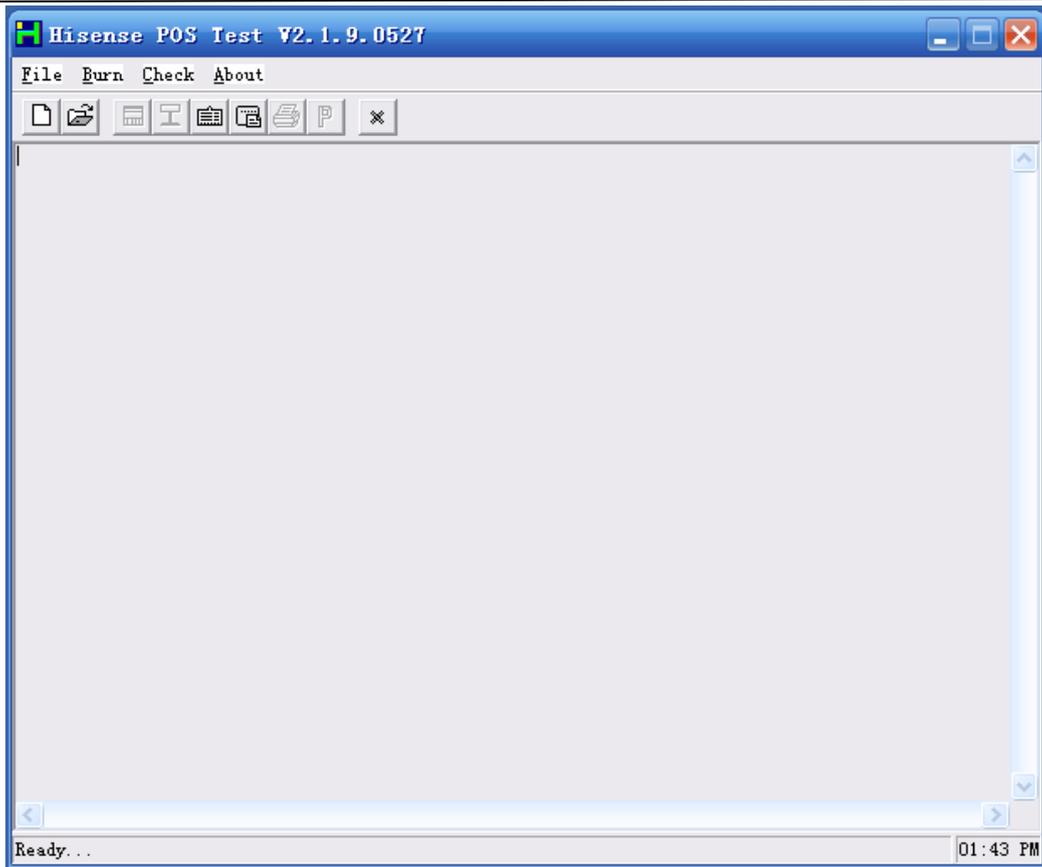
Click 'File→New', set new menu:
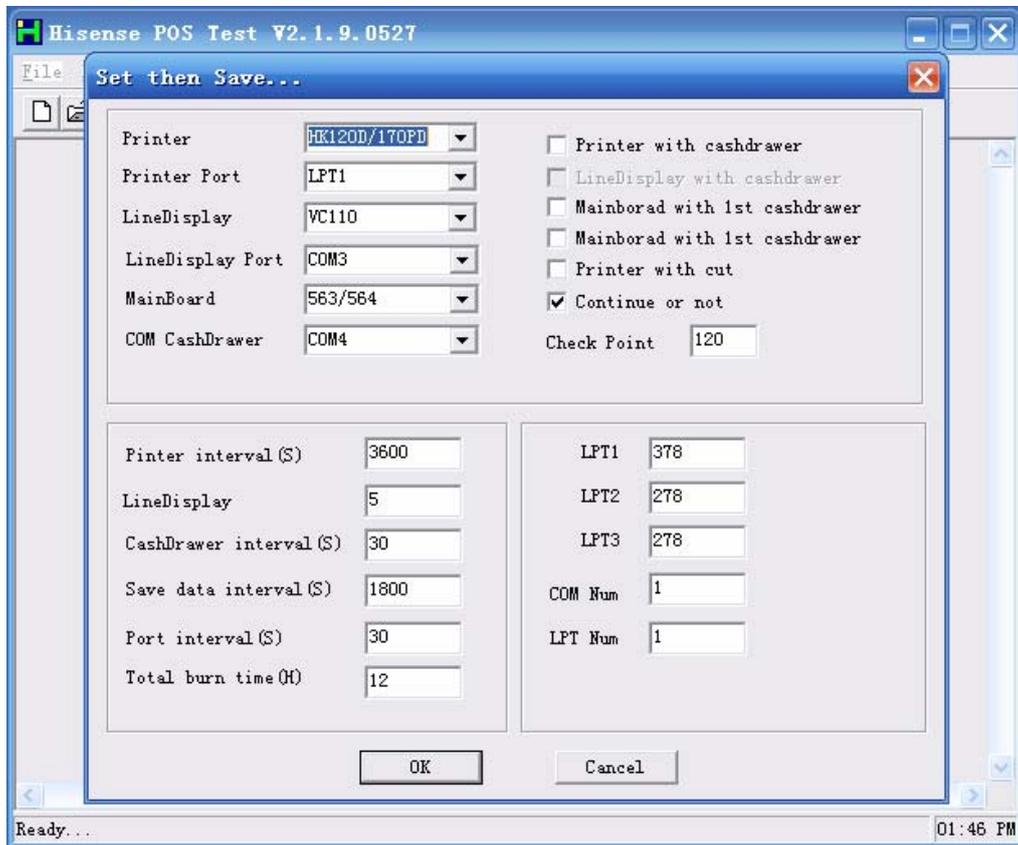
Normal menu instruction:

Printer type   setting of printer type

Printer port   setting of printer port

Customer display type   setting of customer display type

Customer display port   setting of customer display port

Main board type   indicating the type of main board

Setting the peripheral type and port according to your equipment, tick before the 'printer connect to the cash drawer' when select the cash drawer. After setting finished, click 'ok' to save.
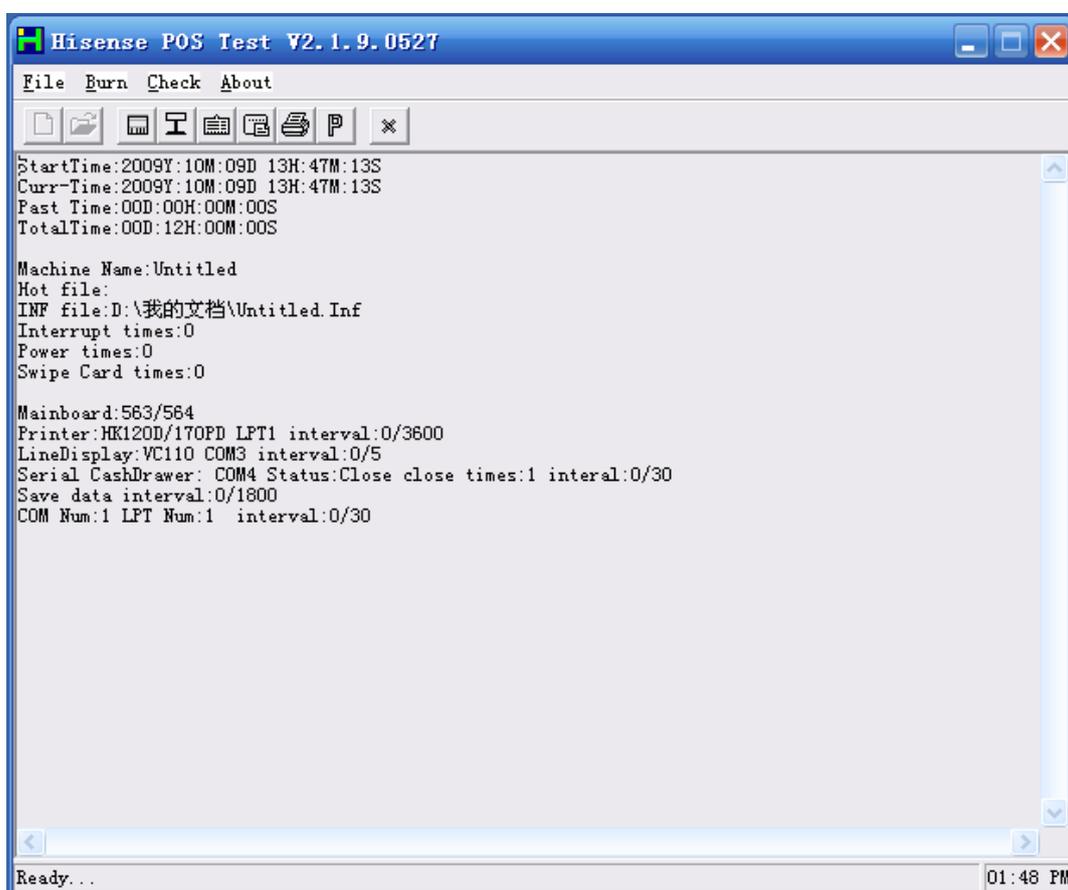
（2）To inspect the peripherals, please select 'check' menu, the item is as following:
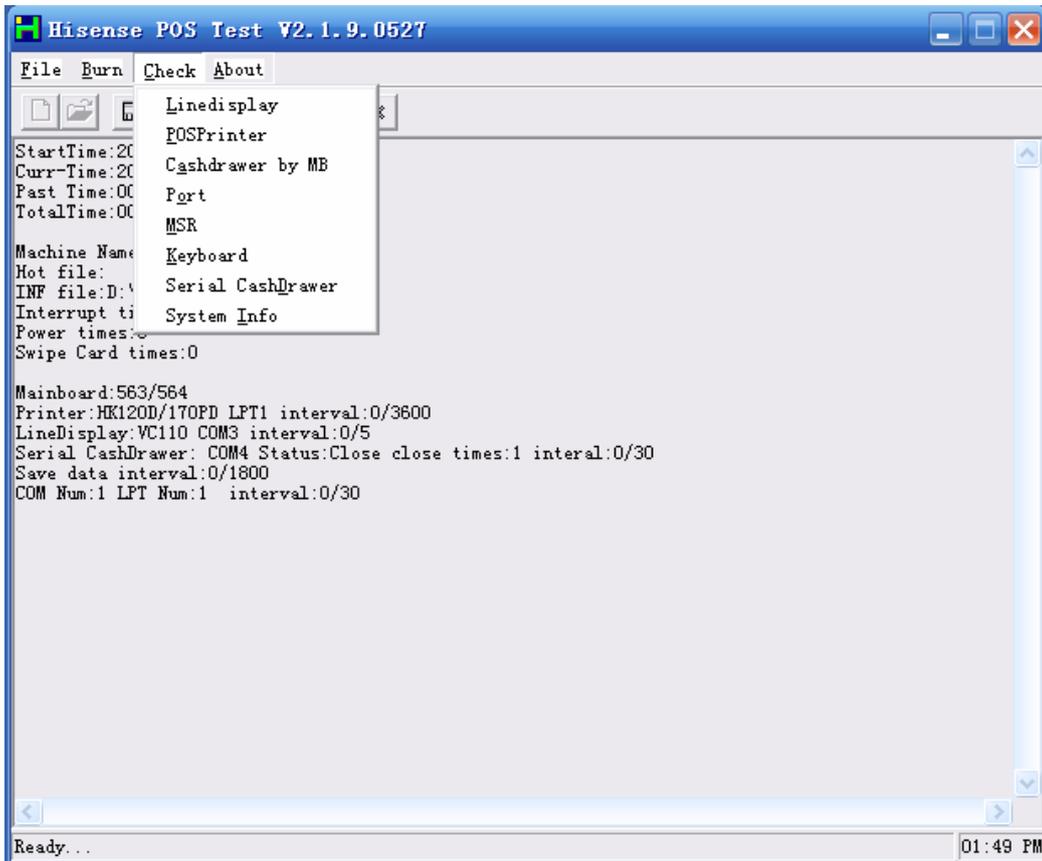
Customer display   to inspect the customer display, before that, the port and type should has been set

Printer   to inspect the printer, before that, the port and type should has been set

Main board cash drawer   to check the connection between main board and cash drawer

Port   to check whether the ports on the mainboard are in normal, all the vacant ports should have been plugged into short-circuit machine before checking; otherwise considering the port test is fault

MSR   to check MSR

Keyboard   to check PS/2 keyboard

Serial Port Cash Drawer   to check the serial port cash drawer