

# Instructions on Printer TEST V3.1C Testing tools

## I. Introduction of Main Interface

The screenshot shows the 'Printer test V3.1' window. It features a top section for 'Port Select' (1) with radio buttons for LPT, COM (selected), USB, and NET. To its right is the 'Printer Type' section (2) with radio buttons for SAT22TUS, SAT22TUE, and SAT 37TUSE (selected). Below these are 'LPT Settings' (3) with a dropdown for LPT1 and 'COM Settings' (4) with dropdowns for COM1, 19200, and RTS. A 'NET Set' section (5) contains IP address fields (Local, Printer, New), a New ID field, and buttons for Refresh, Auto Set Ip, Connect, Ping, Set New IP, NetMonitor, and New ID. A 'Content' section (6) includes a 'Rep.' spinner (7), a 'HEX' checkbox (7), a 'Clear' button, and checkboxes for 'AutoSend' (9), 'Cyc' (500 ms), and 'CutPaper' (9). A large text area (8) displays 'SAT PCS, your best option for point of sale printers!'. To the right of this area are five buttons: 'Print' (10), 'Cut Paper' (11), 'Open cash drawer' (12), 'Driver Print' (13), and 'Advanced' (14). The bottom of the window features the SAT logo, the title 'POS printer test tool V3.1', a 'Language' dropdown set to 'English' (15), a timestamp '2021-03-22 16:16:42', and a 'Status Bar' with the text 'Real-time display of print status!'.

### 1. Communication port selection:

Four options of printer communication interface: parallel port, serial port, USB port and Ethernet port.

### 2. Printer type selection:

Printer type: default to SAT 37TUSE

### 3. Parallel port Settings (LPT Set):

Parallel port Settings---- be consistent with the computer communication parallel port number.

#### 4. Serial port Settings (COM Set):

Serial port Settings ----- set the serial port number, baud rate, flow control, etc.

#### 5. Ethernet port Settings (NET Set):

Change the IP address of Ethernet port printer through Ethernet port Settings.

“Local IP” -- computer’s real IP address which can be added manually or by Clicking "refresh" button.

“Printer IP” – printer’s current IP address , its detailed information can be seen on self- test page, only suitable for Ethernet port printers.

“New IP address” --- the new IP address the printer’s IP address is to be changed to (printer’s IP address shall be in the same network segment as the connected computer’s to realize intercommunication).

“New ID address” -- the new ID address the printer’s ID address is to be changed to(Printer’s ID address must be an only address within a network).

Ethernet port settings are operated by means of HUB and SWITCH, in case that the settings can’t be changed by ROUTER, other means can be used, please refer to the PDF in the folder "IP address changes. and other functional specification" on the CD.

“Auto Set IP” – Used to search printers in the same LAN

“Net Monitor” -- Monitor printer status through network. (net port available)

#### 6. Number of the copies:

It refers to the printing quantity of the repeat print of the test content.

#### 7. HEX:

Data can only be transmitted by inputting hexadecimal after having selected printing content. (It’s mainly used to send instructions to the printer).

#### 8. Printing content:

Edit the printing content here, and send data by clicking "Print" button.

#### 9. Automatically sending, cycle, paper cutting:

“Automatically sending”----- Click the "Auto Send" button and the software will automatically send the data in the printing content column to the printer.

“Cycle” ----cycle time to send data automatically

“Paper cutting” ---- Printer will automatically do paper cutting work according to the cycle time after the “Auto Send " button and “cyc” button have been set.

#### 10. Print:

Print the information and data in the “content”edit box.

#### 11. Paper cutting:

Test the function of paper cutting action.

#### 12. Open cash drawer:

Test the cashbox function

#### 13. Driver print:

Call the installed Windows driver to test print, printing out the information suggests successful installation

#### 14. Advanced:

Click "advanced" button, and set up more features to have print test, below is the detailed introduction.

#### 15. English:

It’s for switching software interfaces between English and Spanish.

## II. Setup instructions for “advanced” button

Click the "advanced" button on the main interface, the following interface will pop up:

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