CAPTOR BP760

DIRECT THERMAL BAR CODE PRINTER

USER'S MANUAL

CAPTOR®
Electronic Security

1. PRODUCT INTRODUCTION

Thank you very much for purchasing **CAPTOR** barcode printer. The attractive desktop printer delivers superior performance at an economical price. Both powerful and easy-to-use, this printer is your best choice among desktop direct thermal .

This printer offers both direct thermal printing, 32-bit RISC multi-tasking processor, print speed up to 150mm/s per second features. It can accept a wide range of media, including continuous, die-cut, and fan-fold labels or tags for both direct thermal printing. All of the most frequently used bar code formats are available. Fonts and bar codes can be printed in any one of four directions. And it provides a choice of eight different sizes of alphanumeric fonts. By using font multiplication, an even greater range of sizes is possible. Smooth fonts can be downloaded from the software. In addition, It is capable of independently executing BASIC programming functions, including arithmetic, logical operation, loop, flow-control and file management, among others. This programming capability provides the greatest efficiency in label printing. The status of printer and error messages may either be printed out or viewed on a monitor by means of the connection.

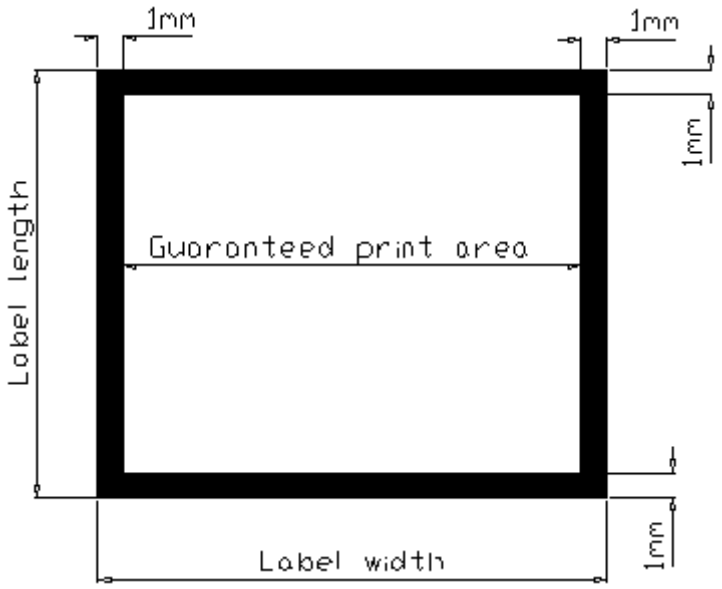
Specifications, accessories, parts and programs are subject to change without notice.

1.1 Compliances

FCC Class A, CE Class A, C-Tick Class A, TÜV/Safety, CCC

CAUTION
1. HAZARDOUS MOVING PARTS IN CUTTER MODULE. KEEP FINGER AND OTHER BODY PARTS AWAY.
2. THE MAIN BOARD INCLUDES REAL TIME CLOCK FEATURE HAS LITHIUM BATTERY CR2032 INSTALLED. RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
3. DISPOSE OF USED BATTERIES ACCORDING TO THE MANUFACTURER INSTRUCTIONS.

1.2 Effective Print Area



Label/Ticket Print Length	12 mm~2286 mm
Effective Print Length	10 mm~2284 mm
Label/Ticket Print Width	25 mm~104 mm
Effective Print Width	23 mm~102 mm
No Print Area	1 mm

1.3 Available Bar Codes

UPC-A
UPC-E
EAN8
EAN13
CODE39
ITF
CODABAR
CODE93
CODE128
PDF417
QRCODE

1.4 Various Sensors

Feed Gap Sensor

The feed gap sensor detects a label gap to locate the starting print position of the next label. The sensor is mounted 4 mm off the center line of the main mechanism.

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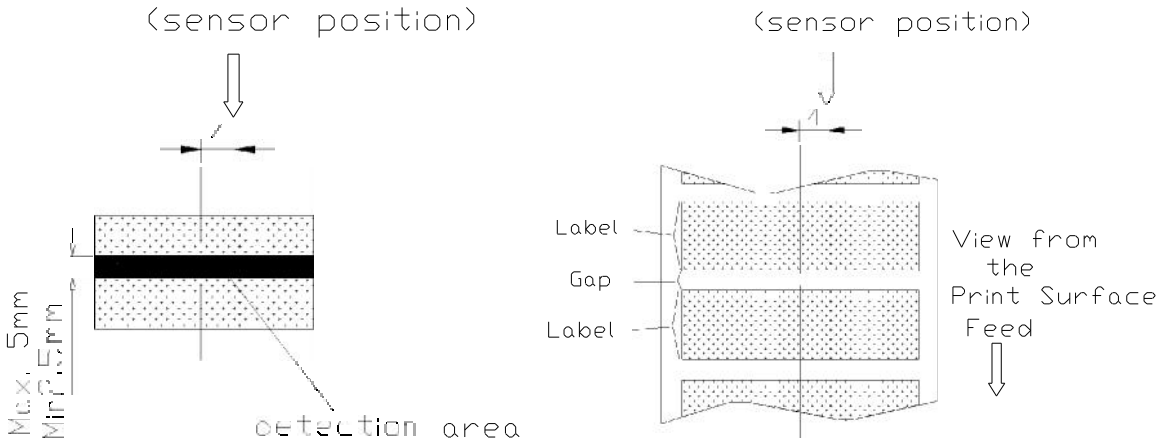
In case of Label

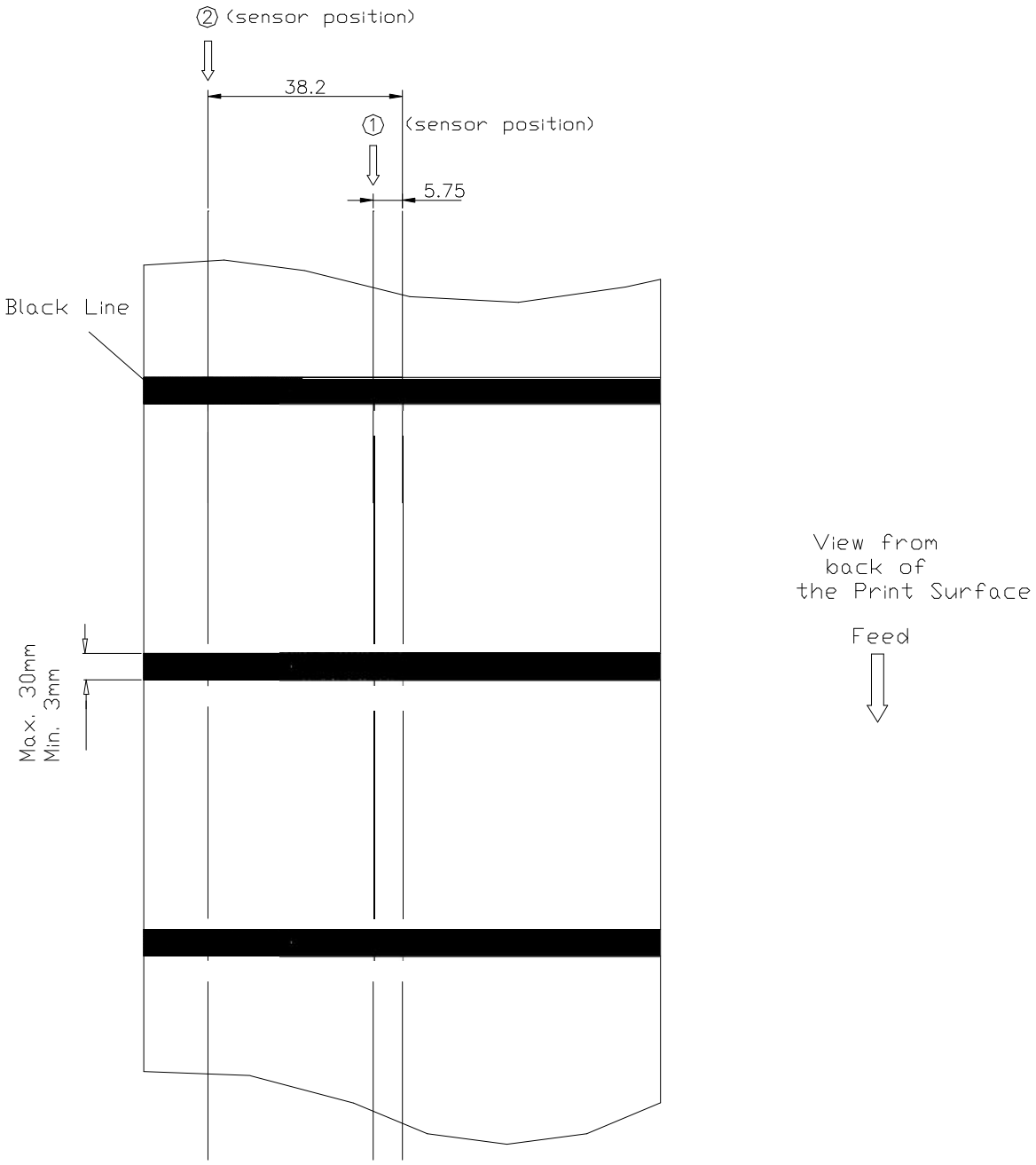


Black Mark Sensor

The black mark sensor locates the position of label by emitting infrared rays onto the black mark at the back of the ticket. The sensor is mounted 5.75 mm off the center line of the ticket roll width on the mechanism.

In case of Ticket

The default sensor position is (1) as shown on the figure below. To change to the (2) position, the customer should notify the manufacturer in advance. There can be only one position for the sensor. Once the sensor position is agreed upon, it can not be changed afterwards.



Ribbon End Sensor

The sensor detects the end portion of the ribbon. The ribbon end must be transparent.

Label End Sensor

The sensor detects the end portion of the label.

Peel off Sensor

The sensor detects the backing paper of a label.

Ribbon encoder

The encoder is used to detect if the ribbon is broken.

Parameters

Printing Capability	**Printing Method**	Direct Thermal Printing
	Resolution	203dpi
	Paper Width	24 ~ 82mm
	Printing Speed	150mm/s，127mm/s
	Interface	Serial,Parallel,USB,Ethernet
	Memory	DRAM:2M，FLSH:2M
	Heating Head Temperature Detection	Thermistor
	Paper End Detection	Photoelectricity Sensor
	Paper Exist Detection	Photoelectricity Sensor
	Printing Head Position Detection	Micro Switch
Barcode and Character	**Barcode**	UPC-A/UPC-E/EAN8/EAN13/CODE39/ITF/CODABAR /CODE93/CODE128/PDF417/QRCODE
	Character Enlarge/Rotation	Enlarge into 1~8 times both Horizontal and Vertical；Rotary Printing at 90°/270°
	Graphic	Support BMP,ICO,EMF,WMF etc. format image file to download to FLASH,DRAM
Medium	**Paper Type**	Thermal Roll Paper，Sticker，Thermal Label Pager etc.
	Medium Width	24 ~ 82mm
	Paper Roll Diameter	Maximun 85mm，Minumun 25mm
	Paper Out Method	Tear or Strip
Power Supply	**Input**	24DC，2.0A
Physical Specification	**Weight**	About 1.5kg
	Printer Dimension （L×W×H）	237mmx146mmx130mm
Environmental Specification	**Working Temperature/Humidity**	5 ~ 45℃，20 ~ 80%RH（noncondensing）
	Storage Temperature/Humidity	-40 ~ 55℃，≤90%RH（noncondensing）
Reliability	**Machinery Lifespan**	100km

product featur

1.6 inch/sec high printing speed

2..Support various label printing softwares

3.Label paper automatic positioning, automatic stripping, paper detection

4.Using thermal paper, thermal label paper or adhesive thermal paper.

5.Label paper automatic checking function, adaptive temperature control

2. GETTING STARTED

2.1 Unpacking and Inspection

The printer has been specially packaged to withstand damage in the shipping process. However, for fear that unexpected damage might occur, upon receiving the bar code printer, carefully inspect the package and the device. In case of evident damage, contact the carrier directly to specify the nature and extent of the damage. Please retain the packaging materials in case you need to reship the printer.

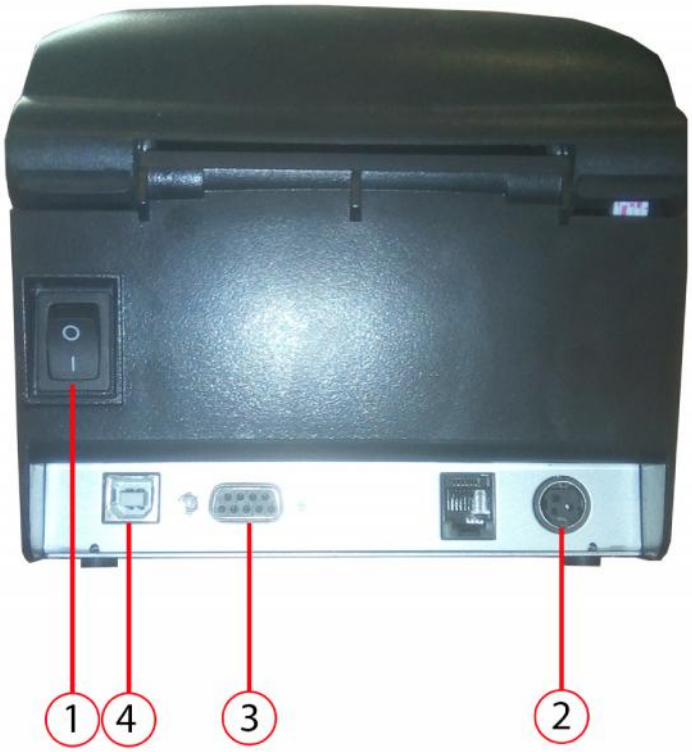
2.2 Equipment Checklist

* One bar code printer unit
* One Windows labeling software/Driver CD disk
* One quick start guide
* One external auto switching power supply
* One power cord
* One label spindle
* Two fixing tabs
* Two ribbon spindles
* One paper core for ribbon rewind spindle

If any parts are missing, please contact the Customer Service Department of your purchased reseller or distributor.

2.3 Printer Parts

1. Cover Release Button
2. PWR., ON-LINE and ERR. Indicators
3. PAUSE Button
4. FEED Button



1. Power On/Off Switch
2. Power Supply DC Jacket
3. RS-232C Interface Connector
4. USB Interface Connector

Note:
The interface picture here is for reference only. Please refer to the product specification for the interfaces availability.

2.5 Buttons and Indicators

PWR. (POWER) Indicator

The green **PWR.** indicator illuminates when the **POWER** switch is turned on.

ON-LINE Indicator

The green **ON-LINE** indicator illuminates when the printer is ready to print. When **PAUSE** button is pressed, the **ON-LINE** indicator flashes.

ERR. Indicator (Error/Paper Empty)

The red **ERR.** indicator illuminates in the event of a printer error, such as memory error, syntax error, and so forth. For a full list of error messages, please refer to section 4.2, Troubleshooting Guides.

PAUSE Button

The **PAUSE** button allows the user to stop a print job and then continue the printing with a second depression of the button. By pressing the **PAUSE** button: (1) the printer stops printing after the printing label, (2) the **PAUSE** LED flashes, and (3) the printer will hold all data in memory. This allows for trouble-free replacement of label stock and thermal transfer ribbon. A second depression of the **PAUSE** button will restart the printer.

Note: If the PAUSE button is held down for more than 3 seconds, the printer will be reset and all data of the previous printing job will be lost.

FEED Button

Press the **FEED** button to feed the label to the beginning of the next label.

3. SET UP

3.1 Setting Up the Printer

1. Place the printer on a flat, secure surface.
2. Make sure the **POWER** switch is off.
3. Connect the printer to the computer mainframe with the RS-232C or USB cable.

4. Plug the power cord into the power jacket at the rear of the printer, and then plug the power cord into a properly grounded receptacle.

Note:

Please switch OFF printer power switch prior to plug in the power cord to printer power jack.

3.2 Loading Label and Tag Stock

1. Open the printer cover.
2. Disengage the printer carriage by pulling the printer carriage release lever on the left side of the platen.

3. Slide the label supply roll spindle through the core of a label roll and attach the fixing tabs onto the spindle.

4. Place the label roll into the label roll mount. Feed the label under the carriage and over the platen.

5. Adjust the label guide to fit the width of the media.

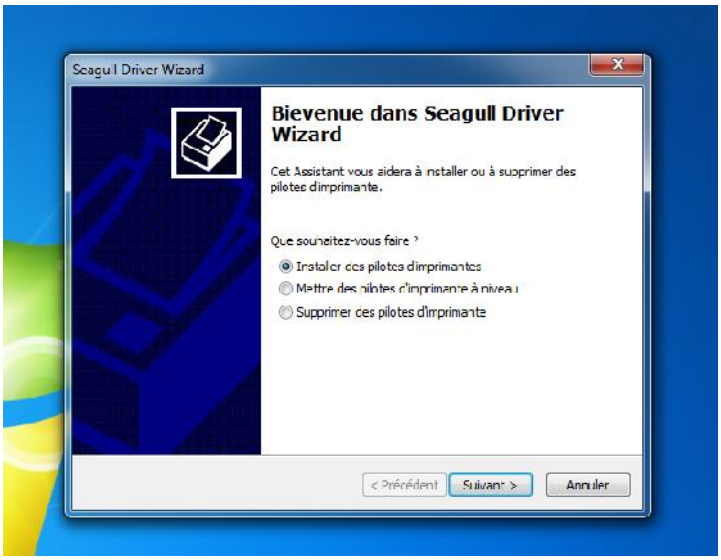
6. Engage the printer carriage.

7. Wind the label roll until it becomes adequately taut.
8. Close the printer cover and press the **PAUSE** button for calibre papier

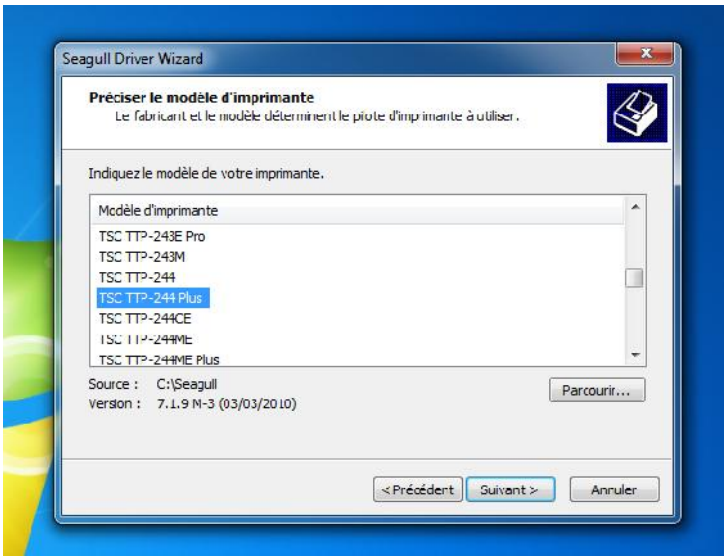
ASCII dat

in windows :

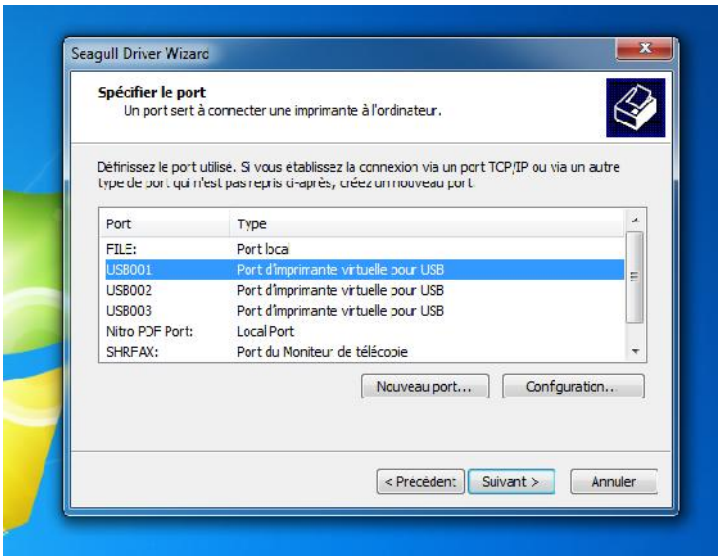
star wizard

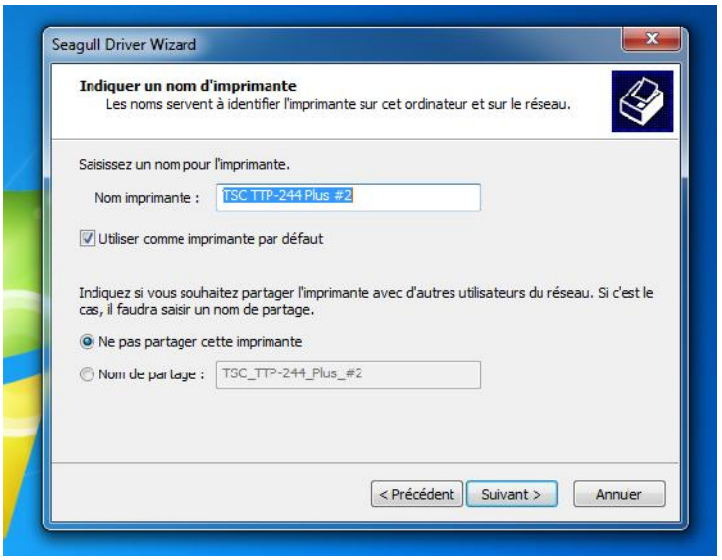


choice model :**TSC TTP-244plus**



choice USB






Seagull Driver Wizard
Fin de Seagull Driver Wizard
Une nouvele inprimante sera installée avec ces paramètres :
Nom : TSC TTP-244 Pus #2
Nom de partage : <Non partagée>
Port : USB001
Par défaut : Oui
Fabricant : TSC
Modèle : TSC TTP-244 Pus
Version : 7.1.9 M-3 (03/03/2010)
Cliquez sur Terminer pour lancer la procédure d'installaton du plote.
< Précédent
Terminer
Annuler


Seagull Driver Wizard
Réussite de Seagull Driver Wizard
Les opérations suivantes ont réussi :
Imprimante 'TSC TTP-244 Plus #2' installée.
Fermer
Annuler

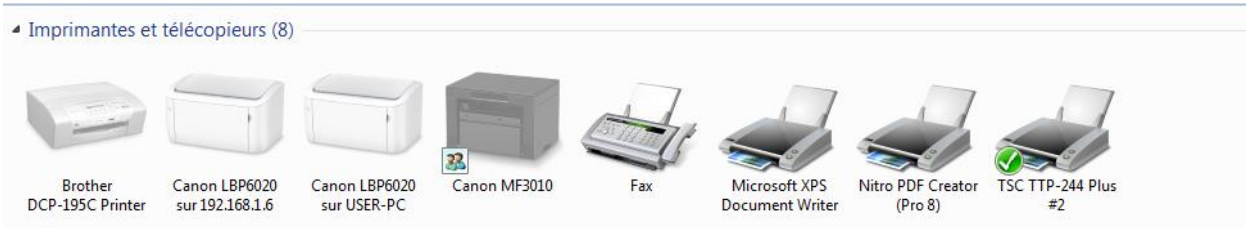
4. USING PRINTER

4.1 Power-on Utilities

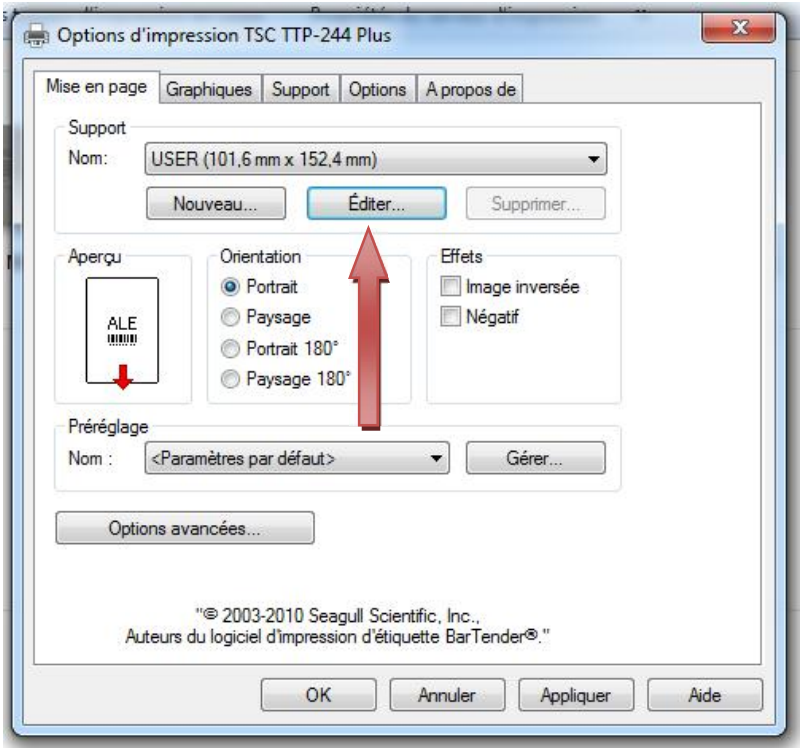
There are three power-on utilities to set up and test hardware. These utilities are activated by pressing the **FEED** or **PAUSE** button and turning on the printer power simultaneously. The utilities are listed as below:

1. Self-test
2. Gap sensor calibration
3. Printer initialization

4.1.1 configuration



click right in mouse choice option printer then :



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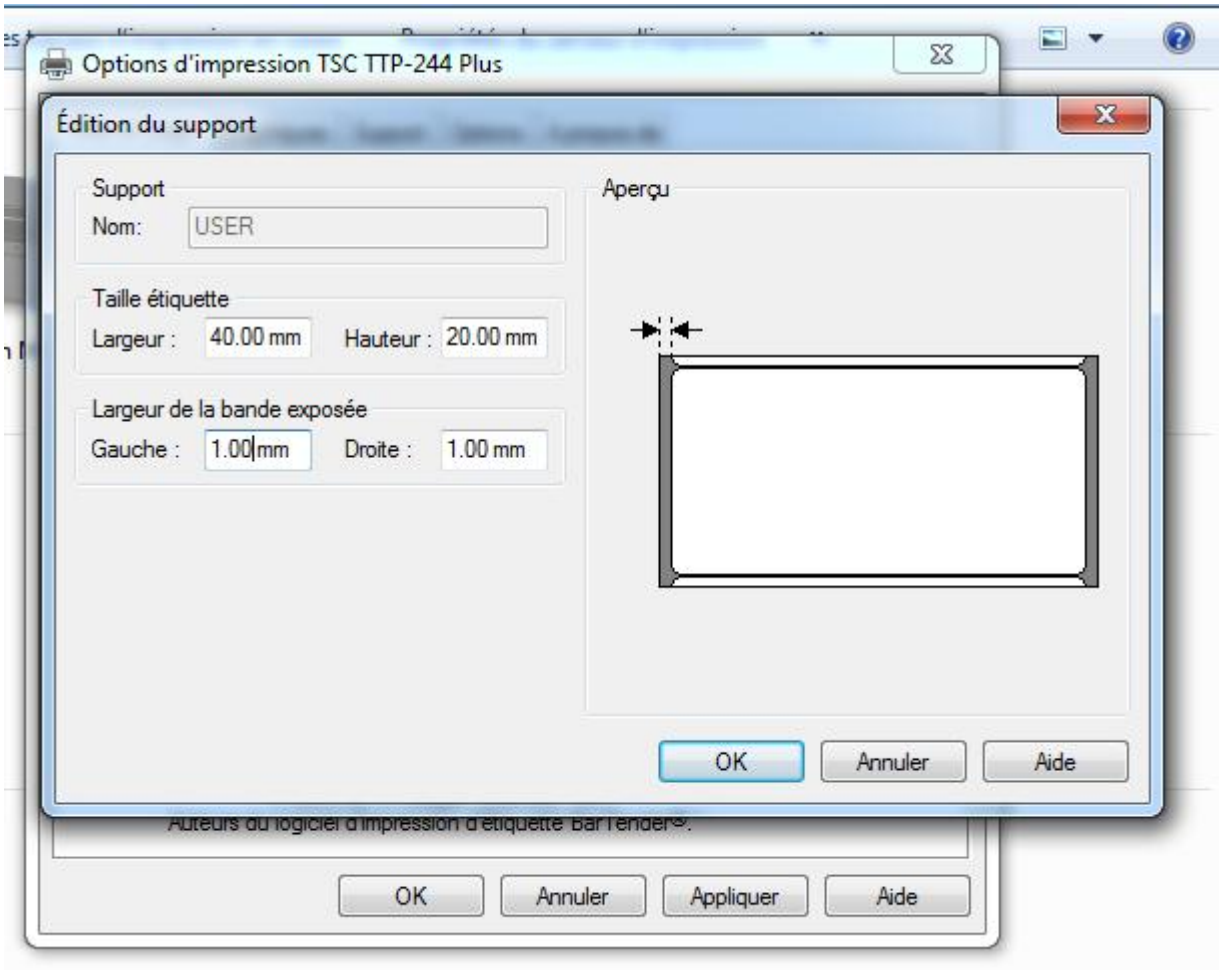

Note: choice dimention of your ticket .

4.2 Troubleshooting Guide

The following guide lists some of the most common problems that may be encountered when operating the bar code printer. If the printer still does not function after all suggested solutions have been invoked, please contact the Customer Service Department of your purchased reseller or distributor for assistance

Problem	Solution
Ribbon does not advance or rewind	1. The media and ribbon must be installed then engage the print head mechanism prior to turning on printer power. 2. Install the black ribbon spindle at the correct direction. 3. Please check the "Media settings method" in the driver if it is set to direct thermal mode.
Poor print quality	1. Clean the thermal print head. 2. Adjust the print density setting. 3. Ribbon and media are not compatible. 4. Media thickness is over spec. 5. Check if correct power supply is connected with printer.
Power indicator on printer does not illuminate	1. Check the power cord, see whether it is properly connected. 2. Check if the LED on the power supply is illuminated. If it is not lit on, then the power supply is damaged. 3. Check if correct power supply is connected with printer.
ON-LINE indicator is off, **ERR.** indicator is on	1. Out of paper or out of ribbon **If there is one beep sound when printer is error, then it's gap sensor problem. Please check the following items.** (1) Calibrate gap sensor or setup the paper length in labeling software/program properly. (2). Install the paper at the correct **If there are two beeps sound when printer is error then it's ribbon sensor problem. Please check the following items.** (1) Is outside wound ribbon is used with this printer? (2) Is ribbon threaded correctly in

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