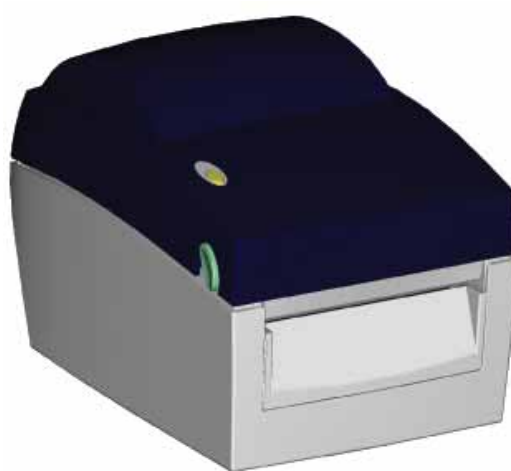




User's Manual



EZ-DT-2 / EZ-DT-4

GODEX

P/N. 920-012511-01
Rev. B, 07.2007

Safety Instructions

Bitte die Sicherheitshinweise sorgfältig lesen und für später aufheben.

1. Die Geräte nicht der Feuchtigkeit aussetzen.
2. Bevor Sie die Geräte ans Stromnetz anschließen, vergewissern Sie sich, dass die Spannung des Geräts mit der Netzspannung übereinstimmt.
3. Nehmen Sie das Gerät bei Überspannungen (Gewitter) vom Netz. Das Gerät könnte sonst Schaden nehmen.
4. Sollte versehentlich Flüssigkeit in das Gerät gelangen, so ziehen sofort den Netzstecker. Anderenfalls besteht die Gefahr eines lebensgefährlichen elektrischen Schlags.
5. Wartungs- und Reparaturarbeiten dürfen aus Sicherheitsgründen nur von autorisierten Personen durchgeführt werden.
6. Bei Wartungs- und Reparaturarbeiten müssen die Sicherheitsvorschriften der zuständigen Berufsverbände und Behörden unbedingt eingehalten werden.
7. Bei Verletzungen unbedingt den Arzt aufsuchen und die gegebenenfalls die zuständigen Stellen benachrichtigen. Unterlassung kann zum Verlust der Versicherungsleistungen führen.

Safety Instructions

Please read the following instructions seriously.

1. Keep the equipment away from humidity.
2. Before you connect the equipment to the power outlet, please check the voltage of the power source.
3. Disconnect the equipment from the voltage of the power source to prevent possible transient over voltage damage.
4. Don't pour any liquid to the equipment to avoid electrical shock.
5. ONLY qualified service personnel for safety reason should open equipment.
6. Don't repair or adjust energized equipment alone under any circumstances. Someone capable of providing first aid must always be present for your safety
7. Always obtain first aid or medical attention immediately after an injury. Never neglect an injury, no matter how slight it seems.

CAUTION

Danger of explosion if battery is incorrectly replaced
Replace only with the equivalent type recommended by the manufacture.
Dispose of used batteries according to the manufacturer's instructions.

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1. Barcode Printer

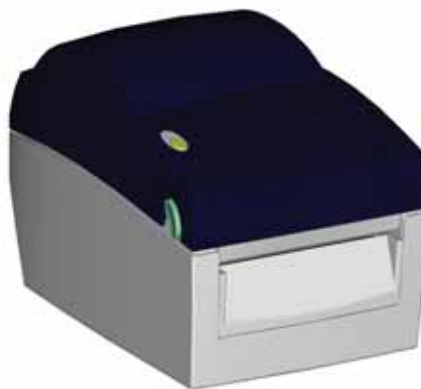
1-1. Printer Accessories

After unpacking, please check the accessories that come with the package, and store appropriately.

- ◆ Barcode printer
- ◆ Power cord
- ◆ Switching Power
- ◆ USB Cable
- ◆ Label
- ◆ Quick Start Guide
- ◆ CD (includes label editing software QLabel / Manual)



EZ-DT-2



EZ-DT-4

1-2. General Specifications

Model	EZ-DT-2		EZ-DT-4	
Resolution	203 dpi (8 dot/mm)			
Print Mode	Direct Thermal			
CPU	32 Bit			
Memory	4MB Flash, 8MB SDRAM		4MB Flash, 8MB SDRAM (with RTC)	
Print Speed	2 IPS ~ 4 IPS			
Print Length	Max.1727mm (68") Min.12.7mm(0.5")			
Print Width	Max.54 mm (2.12")		Max.108mm (4.25")	
Sensor Type	Adjustable Reflective sensor; Fixed transmissive, center aligned			
Sensor Detection	Type: Label gap and black mark sensing. Detection: Label length auto sensing and / or program command setting			
Media	Label Roll OD: Max. 127mm (5") Core Diameter: 1", 1.5" Width: 15mm (0.6 ") ~ 60mm (2.36") Thickness: 0.06~0.20mm		Label Roll OD: Max. 127mm (5") Core Diameter: 1", 1.5" Width: 25mm (1 ") ~ 118mm (4.65") Thickness: 0.06~0.20mm	
Printer Language	EZPL (Firmware downloadable)			
Software	Application: QLabel-IV(EZPL only) DLL & Driver: Microsoft Windows NT 4.0, 2000 and XP			
Resident Fonts	11 resident Windows bit mapped fonts (6,8,10,12,14,18,24,30,16X26,OCR A & B); can be rotated in 8 orientations and expandable 8 times horizontally and vertically. Scalable Font in 4 orientations.			
Fonts Download	Windows bit mapped font: can be rotated in 8 orientations and expandable 8 times horizontally and vertically. Asian font: can be rotated in 4 orientations and expandable 8 times horizontally and vertically. True Type Font: can be rotated in 4 orientations.			

Image Handling	Support BMP and PCX. Support ICO, WMF, JPG, EMF file through software. Support image resize, rotating, mapping and inverse through software.	
Barcodes	Code 39, Code 93, Code 128 (subset A,B,C), UCC 128, UCC/EAN-128 K-Mart, UCC/EAN-128, UPC A / E (add on 2 & 5), I 2 of 5, I 2 of 5 with Shipping Bearer Bars, EAN 8 / 13 (add on 2 & 5), Codebar, Post NET, EAN 128, DUN 14, MaxiCode, HIBC, Plessey, Random weight, Telepen, FIM, China Postal Code, RPS 128, PDF417 & Datamatrix code, QR code	
Interfaces	Serial port: RS-232 (Baud rate : 4800 ~ 115200 , XON/XOFF , DSR/CTS) USB port: V2.0	
Control Panel	One Tri-color LED: Power (Red, Orange and Green) Function Key: FEED	
Power	Auto Switching 100/240VAC, 50/60 Hz	
Environment	Operation: 41°F to 104°F (5°C to 40°C) Storage: -4°F to 122°F (-20°C to 50°C)	
Cert. Approval	CE, FCC Class A, CCC, CB, cUL, BSMI	
Humidity	Operation: 30-85%, non-condensing. Free air. Storage: 10-90%, non-condensing. Free air.	
Printer Dimension	Length: 218 mm (8.58") Height: 172 mm (6.77") Width: 100 mm (3.94") Weight: 1.2 Kg	Length: 218 mm (8.58") Height: 166 mm (6.53") Width: 168 mm (6.61") Weight: 1.5 Kg
Options	Cutter Module Stripper Module RTC Internal Ethernet Adapter Card	Cutter Module Stripper Module Internal Ethernet Adapter Card Parallel port

Specifications are subject to change without notice.

1-3. Communication Interface

Serial Interface

Serial Default : 9600 baud rate, no parity, 8 data bits, 1 stop bit, XON/XOFF protocol and
Setting : RTS/CTS.

RS232 HOUSING (9-pin to 9-pin)

DB9 SOCKET		DB9 PLUG
---	1	+5V,max 500mA
RXD	2	TXD
TXD	3	RXD
DTR	4	N/C
GND	5	GND
DSR	6	RTS
RTS	7	CTS
CTS	8	RTS
RI	9	N/C
PC		PRINTER

【Note】 The total current output from serial port can not exceed 500mA.

USB Interface

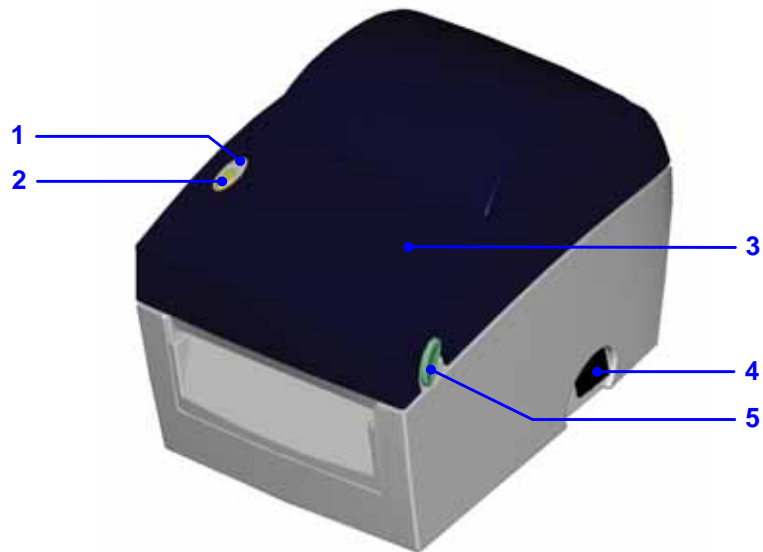
Connector Type : Type B

PIN NO.	1	2	3	4
FUNCTION	VBUS	D-	D+	GND

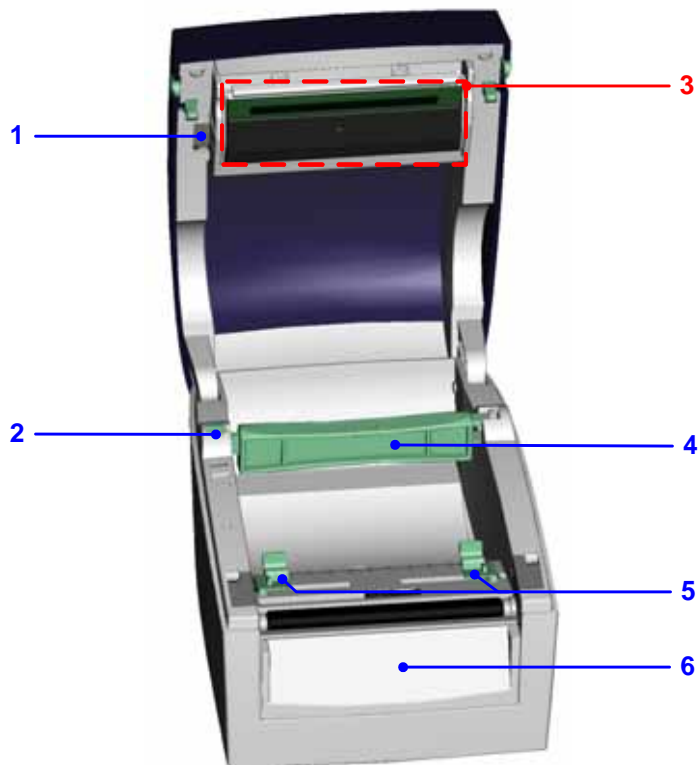
Internal Interface

UART1 wafer		Ethernet module
N.C	1	N.C
TXD	2	RXD
RXD	3	TXD
CTS	4	RTS
GND	5	GND
RTS	6	CTS
E_MD	7	E_MD
RTS	8	CTS
E_RST	9	E_RST
+5V	10	+5V
GND	11	GND
+5V	12	+5V

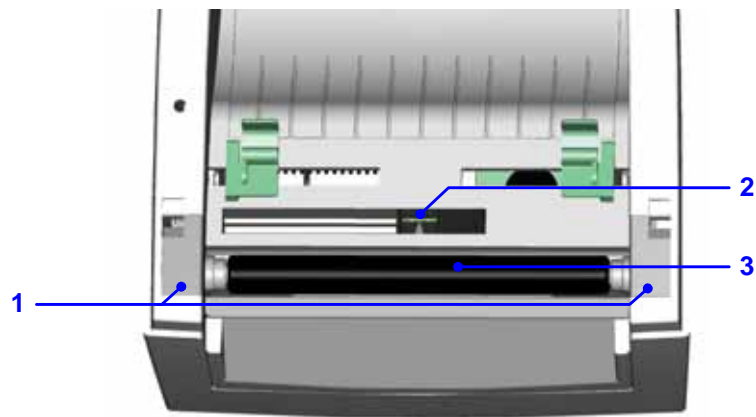
1-4. Printer Parts



1.	LED Light
2.	FEED Key
3.	Top Cover
4.	Power Switch
5.	Cover Open Button



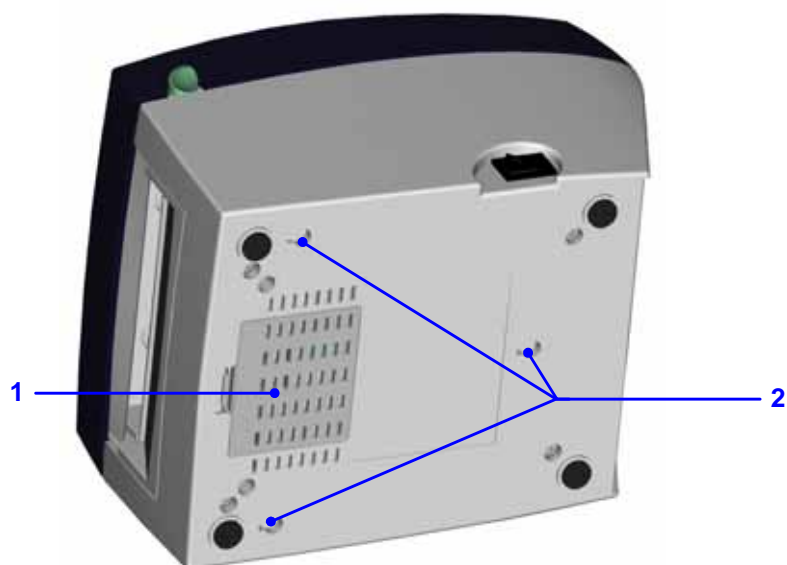
1.	Print Head Lift
2.	Label Roll Holder
3.	Print Mechanism
4.	Label Roll Core
5.	Label Guide
6.	Front Cover Piece



1.	Platen Cover
2.	Label Sensor
3.	Platen Roller



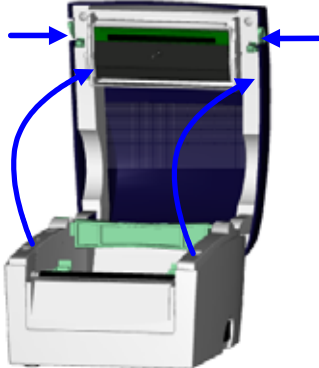
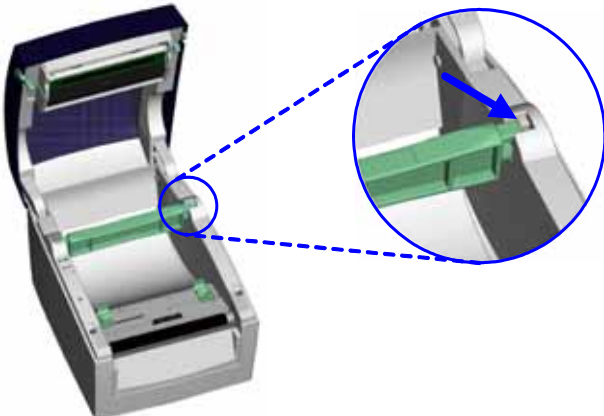
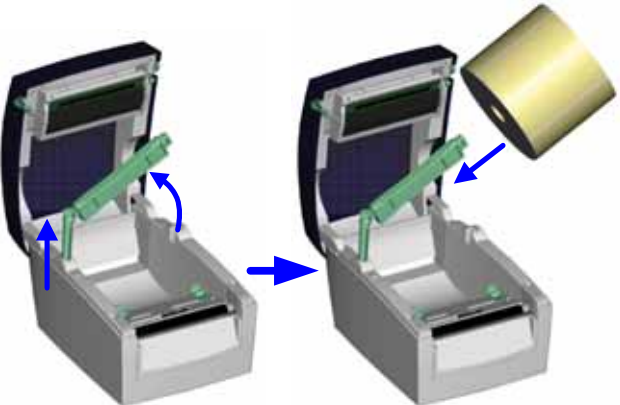
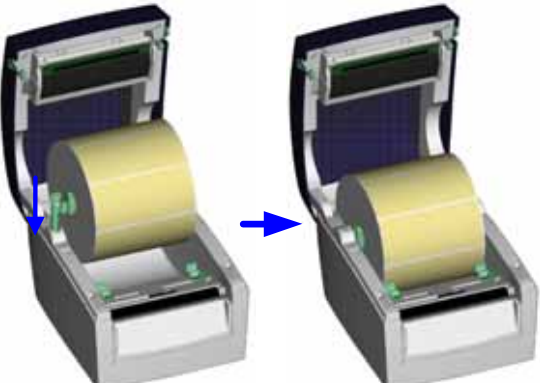
1.	Power Socket
2.	USB Port
3.	Fan-Fold Label Insert
4.	Serial Port (RS-232)

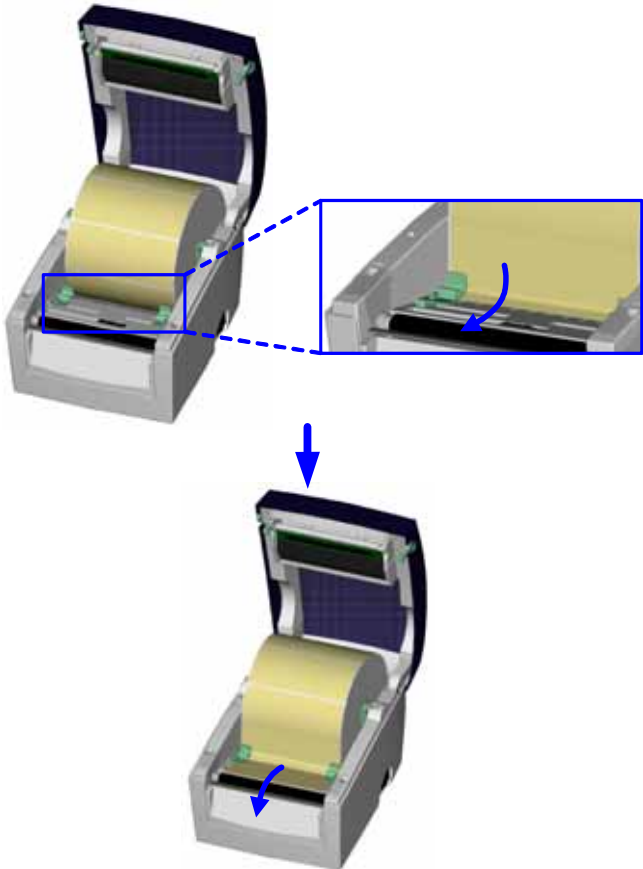
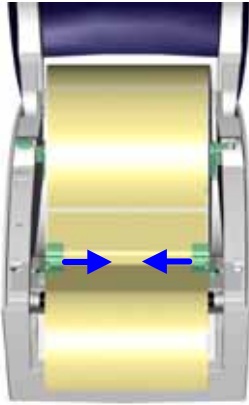
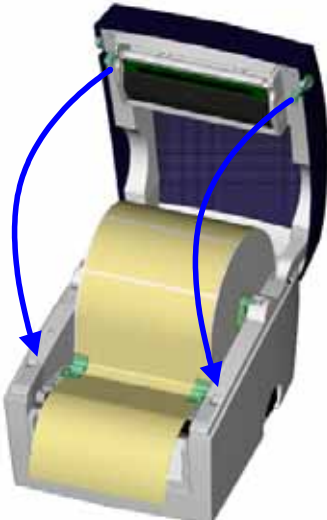


1.	Bottom Case Cover
2.	Hang Holes

2. Printer Installation

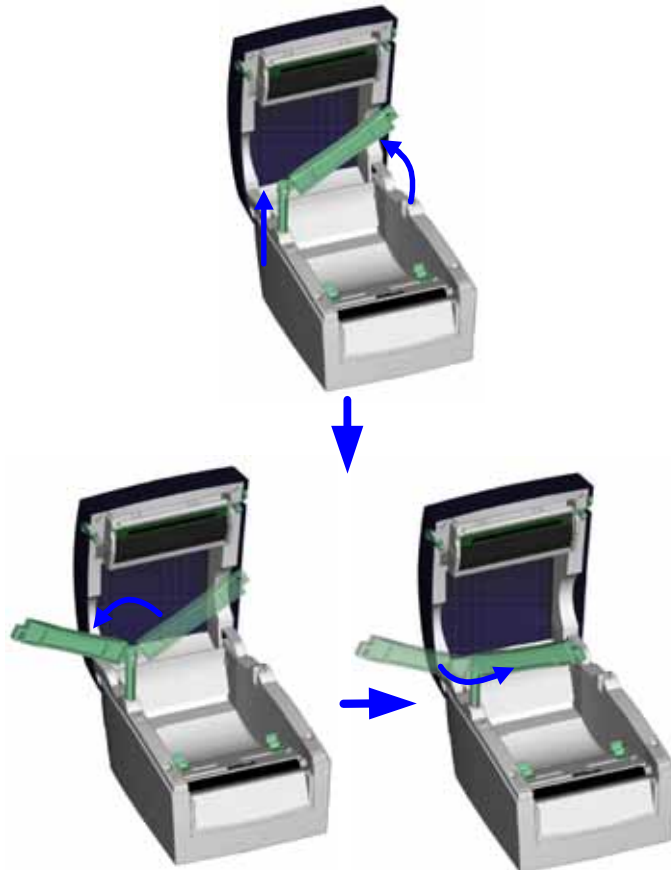
2-1. Label Installation

1. Place the printer on a horizontal surface and open the Top Cover.	
2. Press and release the lock of Label Roll Core.	
3. Pull up the Label Roll Holder and lift the Label Roll Core upward. 4. Place a new label roll onto the Label Roll Core.	
5. Flip the Label Roll Core downward and pull back the Label Roll Holder. 6. Pull and lock the Label Roll Core to the original position.	

<p>7. Put the label under the Label Guide and stretch it frontward.</p>	 <p>The diagram illustrates the first step of label installation. It shows a top-down view of the printer with the top cover open. A yellow label is being fed into the machine. A blue dashed box highlights the area where the label is being positioned. An inset image provides a closer look at the label being stretched forward under the label guide. A blue arrow points down to the next step.</p>
<p>8. Pull the Label Guide inward and make it fit the edge of label.</p>	 <p>The diagram shows a front view of the printer with the top cover open. The yellow label is now positioned under the label guide. Two blue arrows point inward from the sides of the label guide, indicating that it should be pulled toward the center to fit snugly against the edges of the label.</p>
<p>9. Close the Top Cover to complete the label installation.</p>	 <p>The diagram shows a front view of the printer with the top cover open. Two blue curved arrows point from the top edges of the cover toward the center, indicating the direction to close the cover. The yellow label is visible inside the printer.</p>

2-2. Label Roll Core Switch

1. Pull the Label Roll Holder to the topmost and lift the Label Roll Core upward.
2. Turn the Label Roll Core outward as the figure shows.
3. Whirl the Label Roll Core back to the original position.

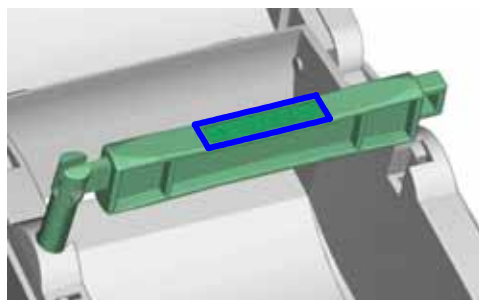


- A. When the lock hole of Label Roll Core is on upper side, it applies to 1" core.
- B. When the lock hole of Label Roll Core is on lower side, it applies to 1.5" core.

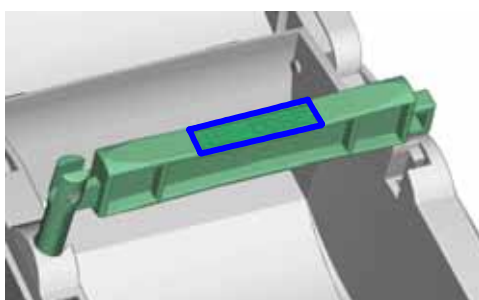
【Note】

You can also distinguish it by the index on the Label Roll Core as shown in figure.

1" Core

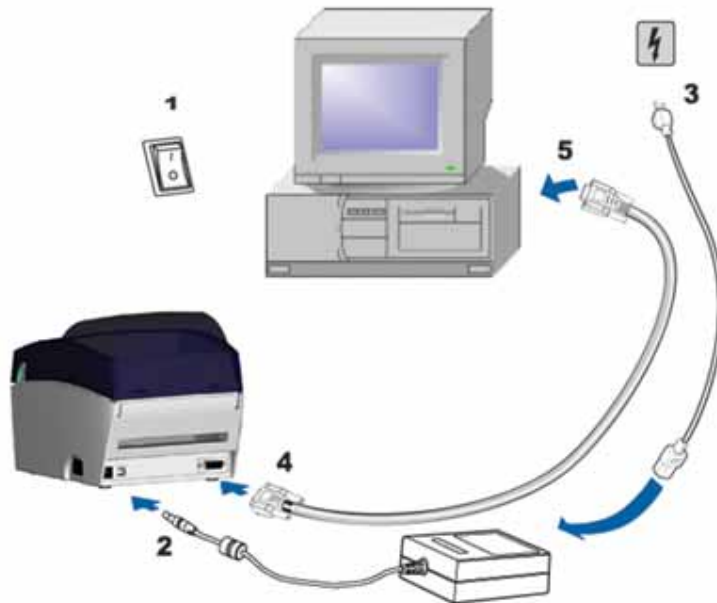


1.5" Core



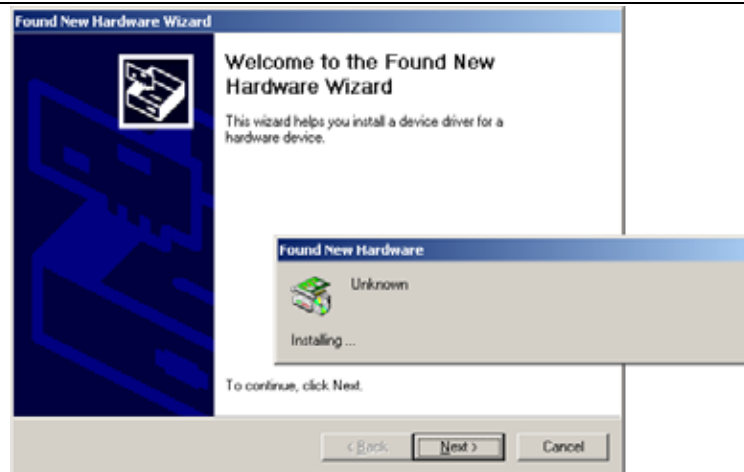
2-3. PC Connection

1. Please make sure the printer is powered off.
2. Take the power cable, plug the cable switch to the power socket, and then connect the other end of the cable to the printer power socket.
3. Connect the cable to the USB/ Serial port on the printer and on the PC.
4. Power on the printer and the LED light will shine.

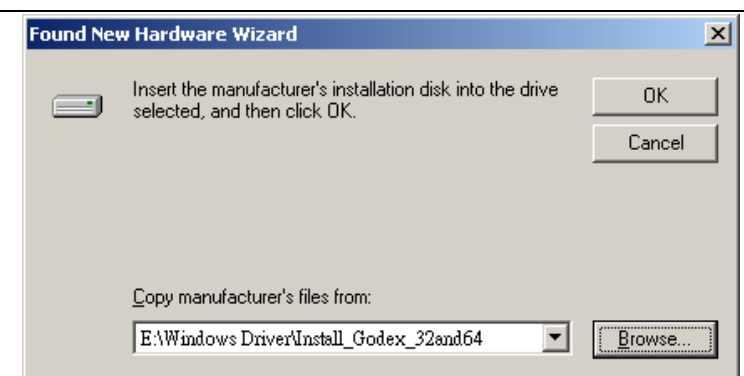
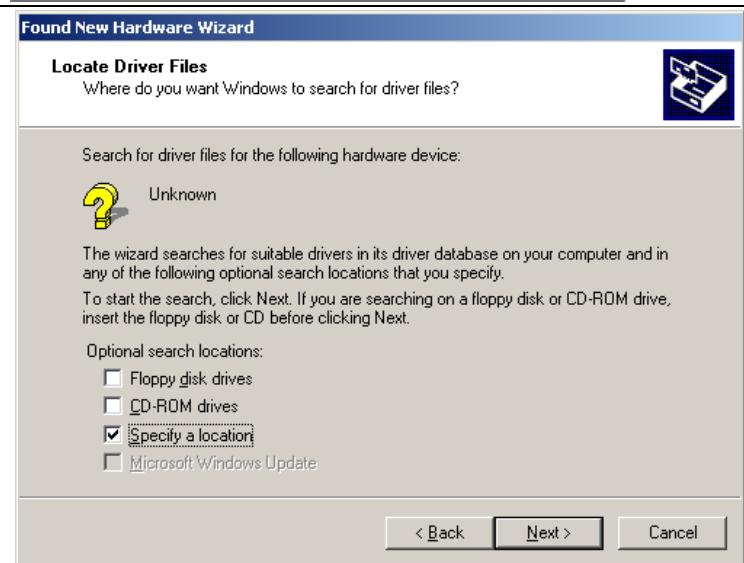


2-4. Driver Installation

1. Once the printer cable is connected from PC to the printer, PC will automatically detect the new device and start the installation process.

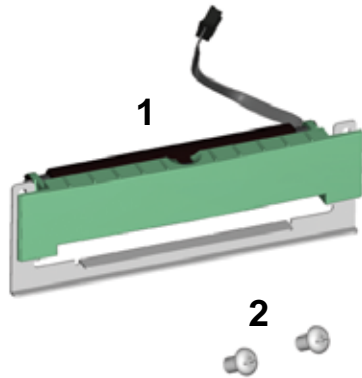
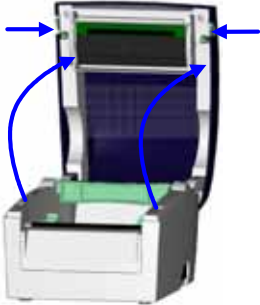
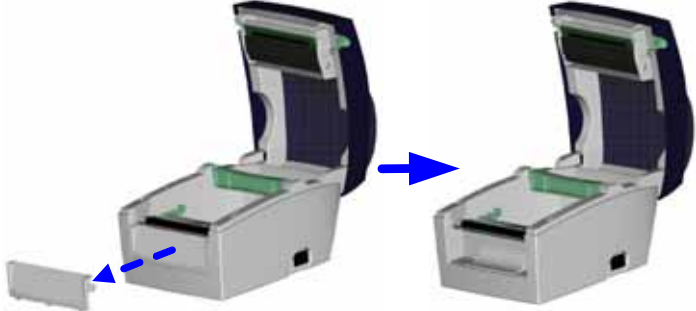
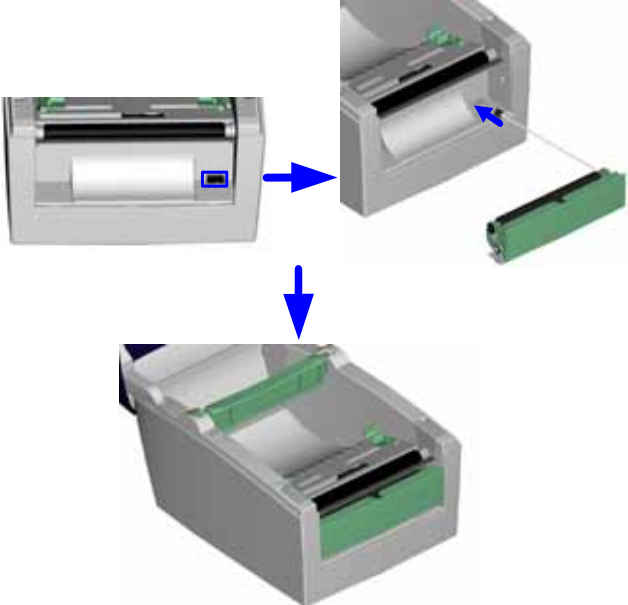


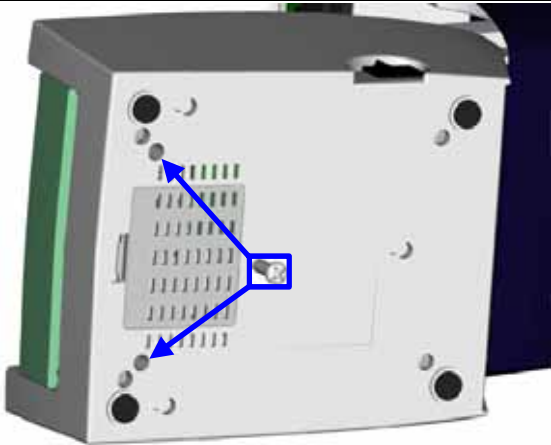
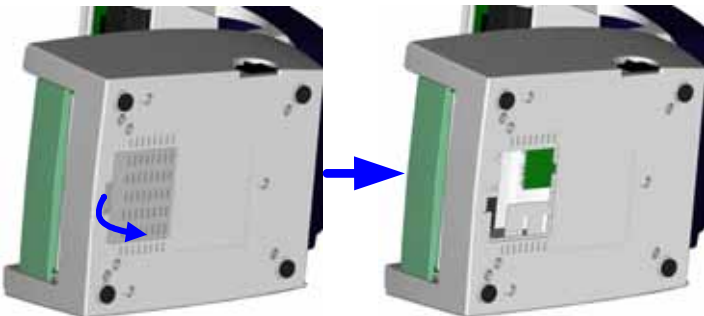
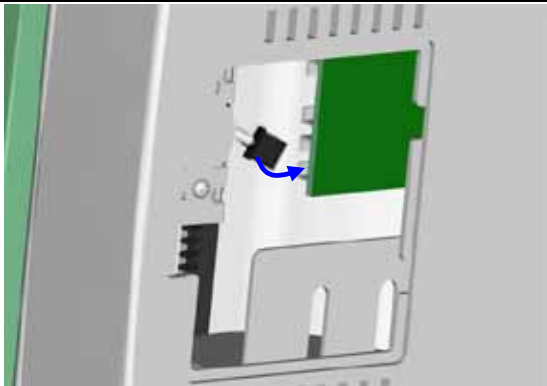
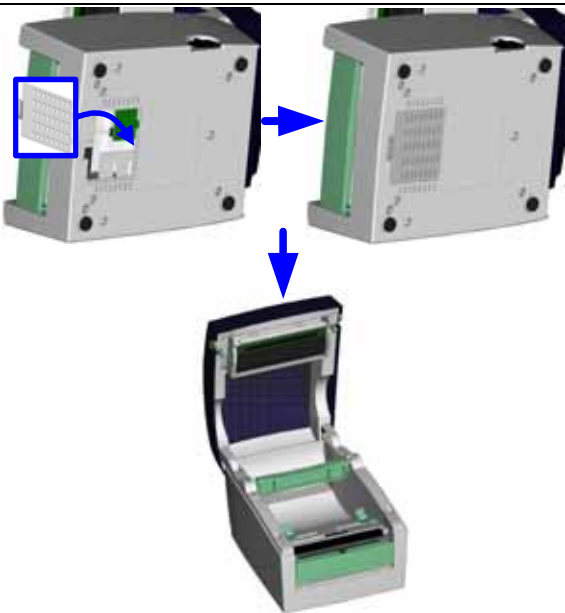
2. Insert the product CD, select 'Specify a location' and describe the path of the printer driver.
3. Follow the instruction on the Window and complete the driver installation.

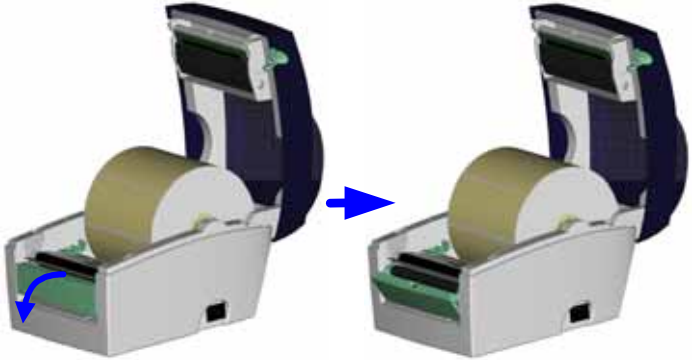
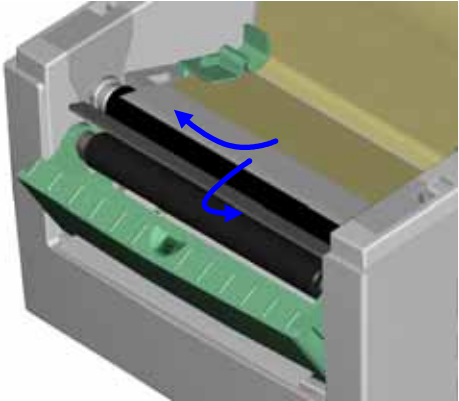
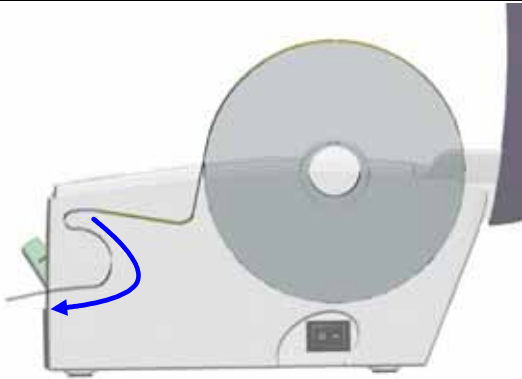
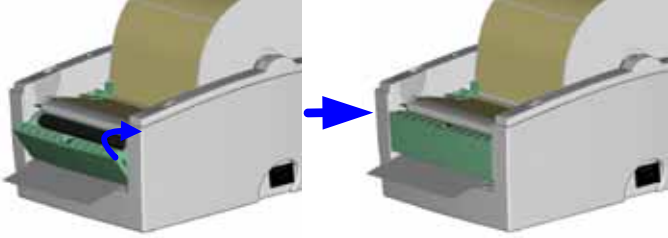
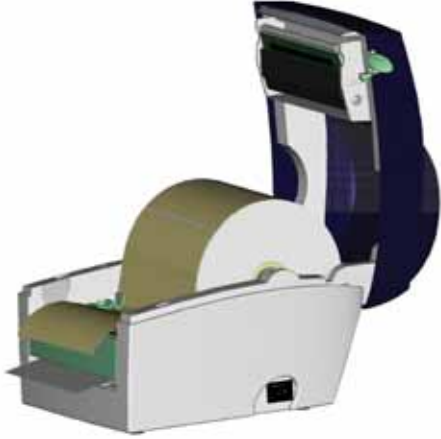


3. Accessory

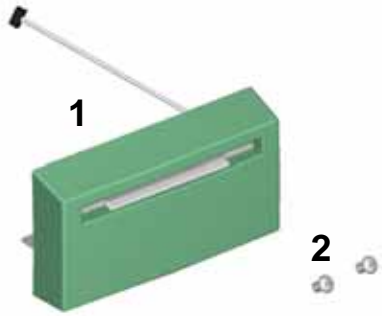
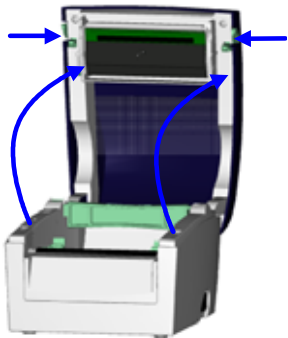
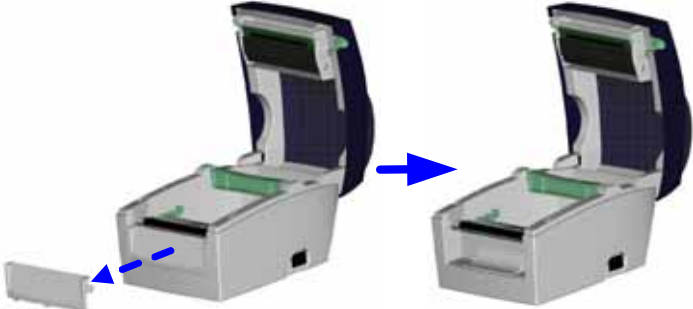

3-1. Stripper

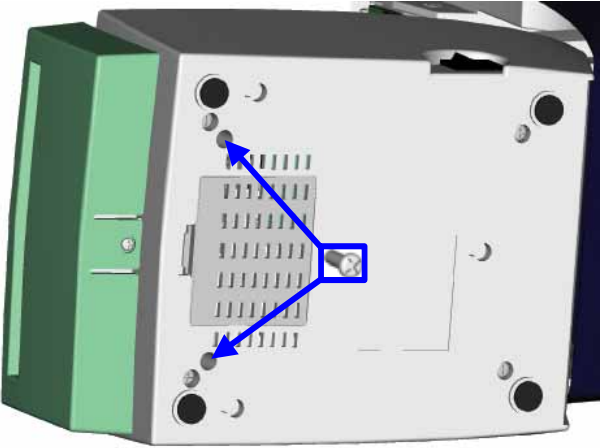
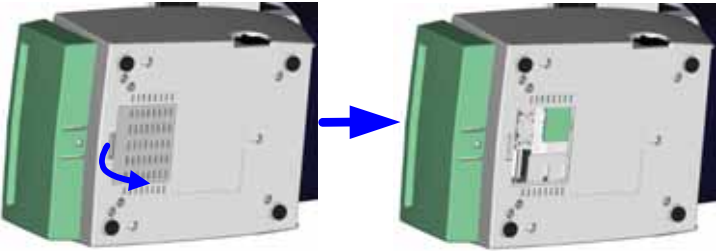
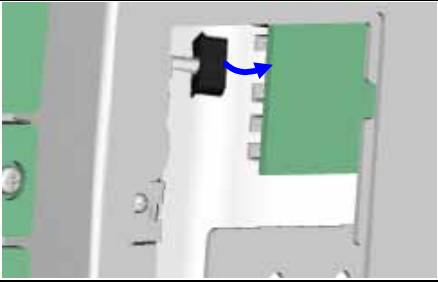
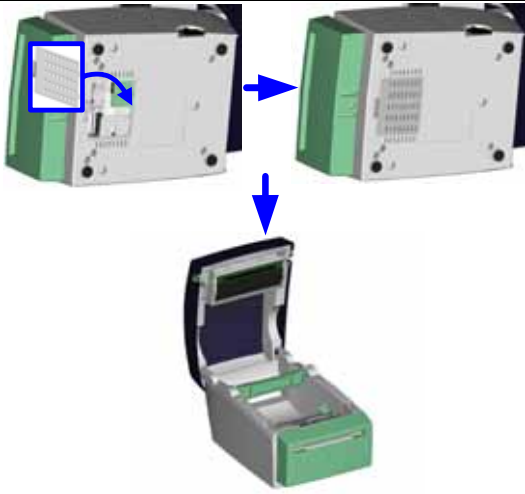
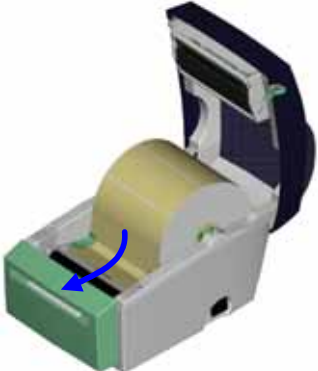
<div>1 Stripper Module</div> <div>2 Screw x 2pcs</div>	
<p>【Note1】 Please power off the printer before installing the stripper module.</p> <p>【Note2】 Label liner thickness is recommended to be 0.06mm \pm 10% with basic weight 65g/m² \pm 6%.</p> <p>【Note3】 The max width for stripper is 110mm</p> <p>【Suggestion】 When using the stripper module, set the stop position to 9 in QLabel and the E value is 9.</p>	
<p>1. Place the printer on a horizontal surface and open the Top Cover.</p>	
<p>2. Remove the Front Cover Piece.</p> <p>【Note】 You can also use coin or screwdriver to open the Front Cover Piece.</p>	
<p>3. Push the Stripper connector into printer through the cable hole as shown in figure.</p> <p>4. Place the Stripper on the fillister.</p>	

<p>5. Turn the printer around and tighten screws to fix the Stripper in location.</p>	
<p>6. Unlock the Bottom Case Cover to see the main board of printer.</p> <p>【Note】 <i>You can also use coin or screwdriver to open the bottom case cover.</i></p>	
<p>7. Plug the connector into the main board.</p> <p>【Note】 <i>There are 2 sockets on the main board, one is for stripper installation, another is for cutter installation. Before plugging the connector into socket, please check the pin first.</i></p>	
<p>8. Lock the Bottom Case Cover.</p> <p>9. Turn the printer back to proceed to the label installation.</p>	

<p>10. Flip the stripper downward to open it.</p> <p>11. Follow the instruction on Chapter 2-1 to install the label.</p>	
<p>12. Peel off the first label, and feed the liner through the roller and the strip bar.</p>	
<p>13. Follow the direction as shown in figure to feed the liner across the stripper.</p>	
<p>14. Flip the stripper upward to close it.</p>	
<p>15. Press the FEED key to adjust the position of label and complete the installation.</p>	

3-2. Cutter

<div>1 Cutter Module</div> <div>2 Screw x 2pcs</div>	
<p>【Note1】 Please power off the printer before installing the cutter module.</p> <p>【Note2】 Do not cut self-adhesive labels! The traces of adhesive will pollute the rotary knife and impair safe operation! The service life of the cutter is 1,000,000 cuts for paper weights up to 120g/m², and 500,000 cuts for paper weights 120g/m² to 170g/m².</p>	<p>【Note3】 The max paper cutting width is 114mm</p> <p>【Suggestion】 When installing the cutter module, set the stop position to 30 in QLabel and the E value is 30.</p>
<p>1. Place the printer on a horizontal surface and open the Top Cover.</p>	
<p>2. Remove the Front Cover Piece.</p>	
<p>3. Push the Cutter connector into printer through the cable hole as shown in figure.</p> <p>4. Place the Stripper on the fillister.</p>	

<p>5. Turn the printer around and tighten screws to fix the Cutter in location.</p>	
<p>6. Unlock the Bottom Case Cover to see the main board of printer.</p>	
<p>7. Plug the connector into the main board.</p> <p>【Note】 Before plugging the connector into socket, please check the pin first.</p>	
<p>8. Lock the Bottom Case Cover.</p> <p>9. Turn the printer back to proceed to the label installation.</p>	
<p>10. Follow the instruction on Chapter 2-1 to install the label.</p>	

11. Feed the label through the Cutter and press the FEED key to complete the installation.



4. Control Panel

4-1. LED Status

Press and hold the FEED key then power on the printer, the printer will beep 3 times and enter into Self-Test status. If keep holding the FEED key, the status will change in sequence to Auto Sensing Mode, Dump Mode, See-through Sensor on/off, and then return to Self-Test again. These different statuses can change the setting of printer, they are described as follows:

LED Light	Beep	Status	Description
Green	1	Normal status	Normal status
Press and hold the FEED Key then power on the printer. ↓			
Red (Flash)	3	Self-Test	Printing Self-Test page, for operation instructions please refer to page 21.
↓			
Orange (Flash)	1	Auto Sensing Mode	Printers currently in Auto Sensing Mode, for operation instructions please refer to page 22.
↓			
Green (Flash)	1	Dump Mode	Printers currently in Dump Mode, for operation instructions please refer to page 22 .
↓			
Orange	1	See-through Sensor on/off	Set the See-through Sensor on or off, for operation instructions please refer to page 23.
↓ Return to Self Test			
Red (Flash)			Printer is currently downloading F/W

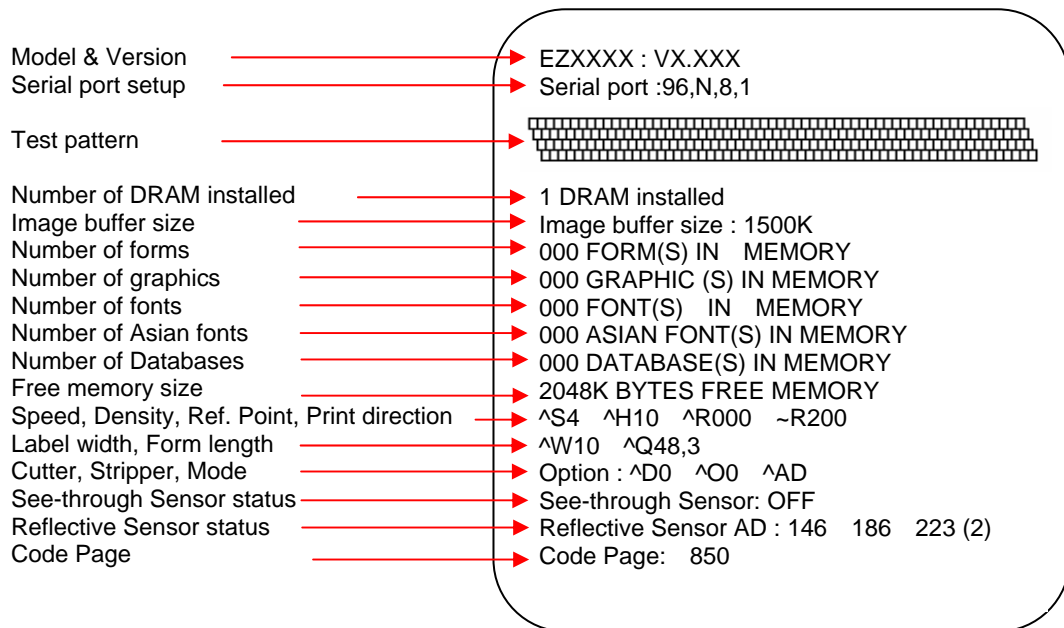
4-2. Feed Key Introduction

After pressing the FEED key, printer will send the media (according to media type) to the specified stop position. When printing with continuous media, pressing the FEED key will feed media out to a certain length. When printing with labels, pressing the FEED key will feed one label at a time. If the label is not sent out in a correct position, please proceed with the Auto sensing (see page22).

4-3. Self-Test

The Self-Test function in a printer will help user to figure out whether the printer is operating normally. In the Self-Test Mode, the printer will print out a test sample as below figure. The printer will back to standby mode after printing out the test sample. Below are the Self-Test procedures:

1. Power off the printer, press and hold the FEED key.
2. Power on the printer (while still holding the FEED key); release the FEED key after printer beeping 3 times.
3. After about 1 second, printer would automatically print out the following. This means the printer is operating normally.



Self-Test includes the internal printer data setting.

4-4. Auto Sensing

Printer can automatically detect label (black mark paper) length and record it. By doing this, the printer can accurately detect the label (black mark) positions without setting the print length.

1. Check if the Moveable Sensor Mark is located at the right sensing position.
2. Power off the printer, press and hold the FEED key.
3. Power on the printer (while still holding the FEED key) and the printer will beep 3 times. Keep holding the FEED key, wait for the LED flashes orange and then release the FEED key. Printer will automatically detect the label size/length and record it.

Printer goes back to standby mode after displaying the measurement.

4-5. Dump Mode

When label setting and the print result don't match for each other, it is recommended to go into the Dump Mode to check whether there's any mistake in data transmission between the printer and the PC. For example, when printer receives 8 commands, yet without processing these commands, only printing out the contents of commands, this will confirm whether the commands were received correctly. Test procedures to enter the Dump Mode are as follows:

1. Power off the printer, press and hold the FEED key.
2. Power on the printer (while still holding the FEED key) and the printer will beep 3 times.
3. Release the FEED key when LED flashes green. Printer will automatically print "DUMP MODE BEGIN." This means the printer is already in Dump Mode.
4. Send commands to the printer, and check if the print result matches the commands sent.
5. To cancel (get out of the Dump Mode), press the FEED key, the printer will automatically print out "OUT OF DUMP MODE". This indicates that printer is back in the standby mode. Powering off the printer is another way to exit the Dump Mode.

4-6. See-through Sensor on/off

There are two types of sensor in EZ-DT-2 / EZ-DT-4 printer - Reflective Sensor and See-through Sensor. Users can set one of them as active sensor. By default, the Reflective Sensor is turned on and the See-through Sensor is turned off. However, the reflective sensor may not be able to detect the label gap on special label materials. For example, when printing on labels with thick liner, colored liner, or back graphics, then the see-through sensor would need to be enabled since the reflective sensor may not work correctly.

To turn the See-through Sensor on, please do as follows:

1. Power off the printer, press and hold the FEED key.
2. Power on the printer (while still holding the FEED key) and the printer will beep 3 times. Keep holding the FEED key, wait for the LED light turn to orange and then release the FEED key. The printers will automatically print "SEE-THROUGH SENSOR IS ON". This indicates that the See-Through Sensor is turned on (and the Reflective Sensor is turned off).
3. To turn off the See-Through Sensor, please repeat above-mentioned procedures. Then the printer will print "SEE-THROUGH SENSOR IS OFF" to indicate that the See-Through Sensor is turned off.

SEE-THROUGH SENSOR IS ON

or

SEE-THROUGH SENSOR IS OFF

For checking the status of See-through Sensor (on or off), please perform Auto Sensing once. If LED light is green when doing Auto Sensing, then the See-through Sensor is on. If LED light is orange, then the See-through Sensor is off.

【Note】

When the See-through Sensor is enabled, the Label Sensor must be placed in the center of the printer.

4-7. Error Messages

LED Light	Beep	Description	Solution
Red	4 beeps twice	Print head is not firmly closed.	Re-open print head and make sure it closes tightly.
Red (Flash)	None	Print head temperature high.	Wait for the print head temperature drops to the normal temperature range, printer will go back to the standby mode and the LED light will stop flashing.
Red	2 beeps twice	Unable to detect paper.	Make sure the movable sensor mark is at the correct position, if the sensor is still unable to detect paper, and then go through Auto Sensing again.
		Paper used up.	Replace with new label roll.
Red	2 beeps twice	Abnormal paper feed.	Possible causes: card tags or paper fall into the gap behind the platen roller, can't find label gap/black mark, black mark paper out. Please adjust according to actual usage.
Red	2 beeps twice	Memory is full; printer will print out "Memory full."	Delete unnecessary data in the memory.
Red	2 beeps twice	Can't find the file; printer will print out "Filename can not be found."	Use "~X4" command to print out all the files, then check whether the file exist and the names are correct.
Red	2 beeps twice	File name is repeated; printer will print out "Filename is repeated."	Change the file name and download again.

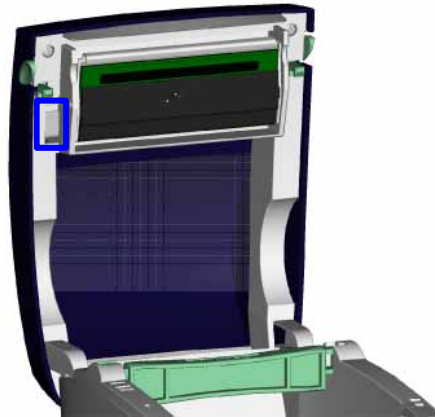
5. Maintenance and Adjustment

5-1. Print Head Module Installation / Removal Instruction

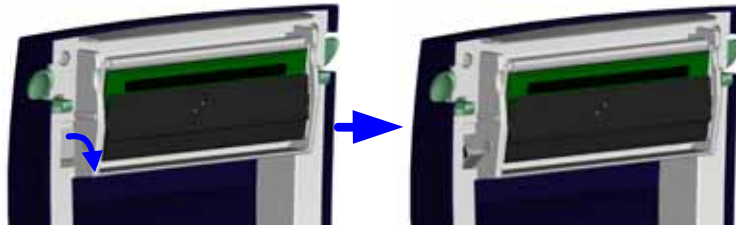
1. Open the top cover to see the Print Head Lift, which is on the left side of Top Cover.

【Note】

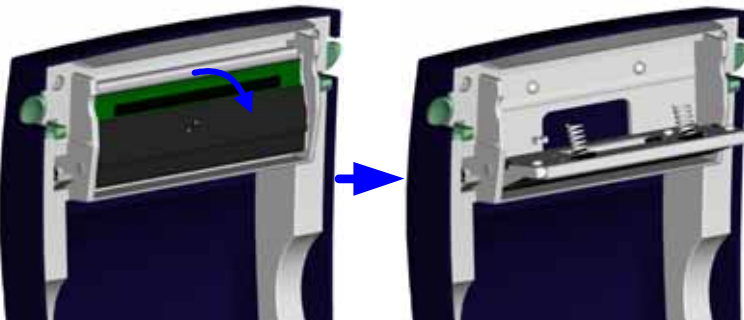
Power off the printer before removing or installing the print head.



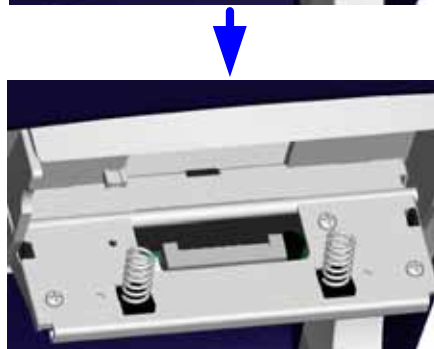
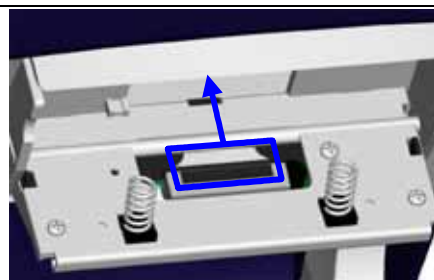
2. Flip the Print Head Lift downward to release it.



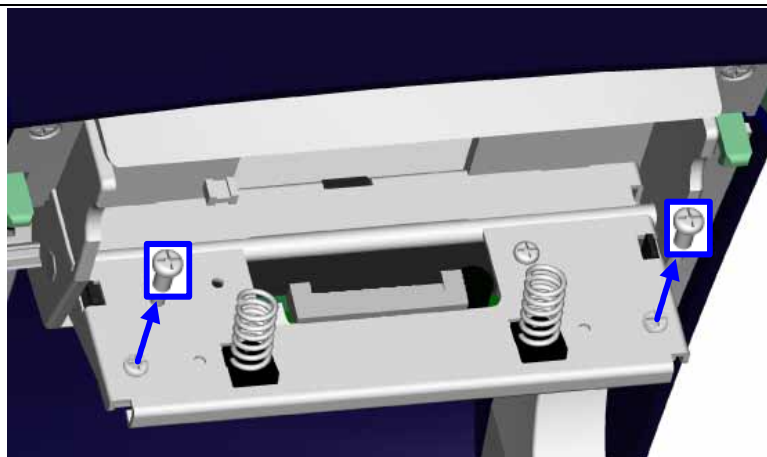
3. The Print Head Bracket can be flipped downward after Print Head Lift is released.



4. Remove the Print Head Connector.

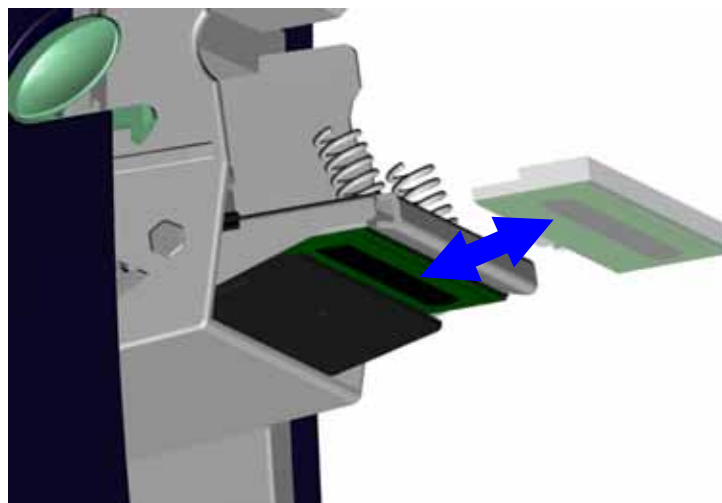


5. Remove the Print Head Screws,



6. From the underneath of the Print Head Bracket, hold the front end of print head to remove it and install new print head.

7. After new print head is installed, tighten the Print Head Screws, plug the Print Head Connector, restore the Print Head Bracket and lock the Print Head Lift to complete the installation.



5-2. Thermal Print Head Cleaning

Unclear printouts may be caused by dusty print head, ribbon stain or label liner glue. Therefore when printing, it's necessary to keep the top cover closed. Also, check and prevent paper/label from being stained or dusty to ensure print quality and to prolong the print head life. Print head cleaning instructions are as follows:

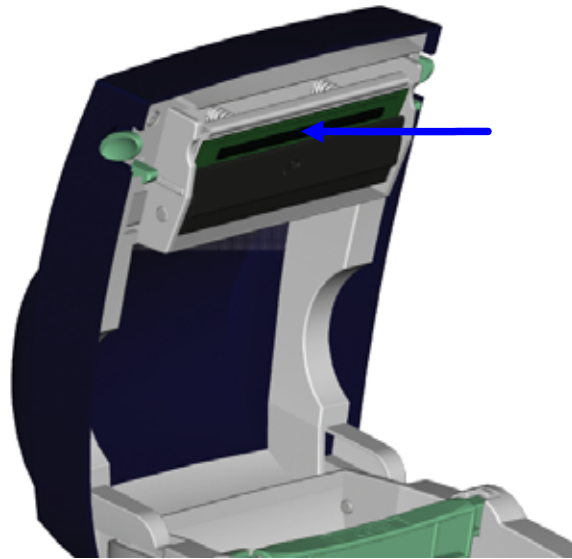
1. Power-off the printer.
2. Open the top cover.
3. If there are label pieces or other stain on the print head (see blue arrow), please use a soft cloth with industrial use alcohol to wipe away the stain.

【Note 1】

Weekly cleaning for the print head is recommended.

【Note 2】

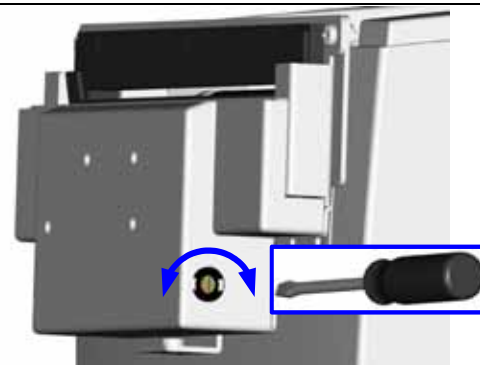
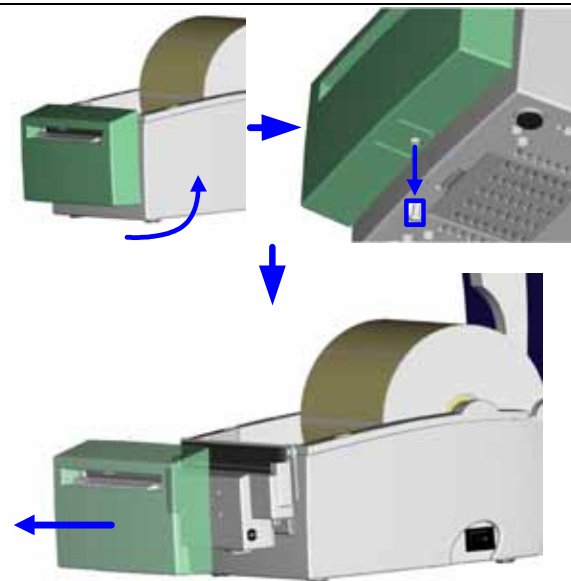
When cleaning the print head with soft cloth, make sure there is no any metal or hard particles attached on it.



5-3. Adjust the Cutter

When using Cutter, paper-jam may happen sometimes. It can be solved by adjusting the cutter.

1. Turn the printer around to see the Cutter Cover Screw.
2. Unscrew the Cutter Cover Screw to remove the Cutter Cover.
3. The Cutter Adjustment Screw is on the side of cutter. Use screwdriver to turn the Cutter Adjustment Screw counter-clockwise for releasing the paper-knife of the cutter and then remove the jammed-label out.
4. After the jammed-label is removed, turn the Cutter Adjustment Screw clockwise to restore the paper-knife.



5-4. Troubleshooting


Problem	Recommended Solution
LED light does not light up after power on the printer	<ul style="list-style-type: none"> ◆ Check the power connector
LED light indicates error messages after printing stops	<ul style="list-style-type: none"> ◆ Check for software setting or program command errors ◆ Replace with suitable label ◆ Check if label may run out ◆ Check if label is jammed/tangled up ◆ Check if mechanism is closed (Thermal Print Head not positioned correctly) ◆ Check if sensor is blocked by label ◆ Check for abnormal cutter function or of no actions (if cutter is installed)
Printing started, but nothing was printed on the label	<ul style="list-style-type: none"> ◆ Check if label is placed upside down or if label is not suitable for the application ◆ Select the correct printer driver ◆ Select the correct label and print type
When printing, label is jammed/tangled up	<ul style="list-style-type: none"> ◆ Clean the label jam, and if label is stuck on Thermal Print Head, please remove it by using soft cloth with alcohol.
When printing, only part of the contents were printed	<ul style="list-style-type: none"> ◆ Check if label is stuck on the Thermal Print Head ◆ Check if application software has errors ◆ Check if start position setting has errors ◆ Check if power supply is correct
When printing, part of the label wasn't printed completely	<ul style="list-style-type: none"> ◆ Check if Thermal Print Head is stained or dusted ◆ Use internal command "~T" to check Thermal Print Head can print completely ◆ Check the media quality
The printout is not in desired position	<ul style="list-style-type: none"> ◆ Check if sensor is covered by paper or dust ◆ Check if liner is suitable for use, please contact reseller for more information ◆ Check if label roll edge is aligned with Label Width Guide
When printing, page skipping occurs	<ul style="list-style-type: none"> ◆ Check if error occurs on label height setting ◆ Check if sensor is covered by dust
Unclear printout	<ul style="list-style-type: none"> ◆ Check print darkness setting ◆ Check if Thermal Print Head is covered with glue or stain
When using cutter, label wasn't cut straight	<ul style="list-style-type: none"> ◆ Check if label is set up straight
When using cutter, label wasn't cut successfully	<ul style="list-style-type: none"> ◆ Check whether label thickness exceeds 0.16mm
When using cutter, label couldn't feed or unexpected cutting occurs	<ul style="list-style-type: none"> ◆ Check if cutter is installed properly ◆ Check if paper feed is working normally.
When using stripper, the function is not working correctly.	<ul style="list-style-type: none"> ◆ Check if stripper sensor is covered with dust ◆ Check if label is installed properly

【Note】

Your dealer is knowledgeable about GODEX printers, printing software, and your unique system. Please contact your local dealer for further technical support.

Appendix

1. EZ-DT-2 Certifications



VERIFICATION OF COMPLIANCE

This Verification of Compliance is hereby issued to the below named company. The test results of this report relate only to the tested sample identified in this report.

**Technical Standard : EMC DIRECTIVE 89/336/EEC
(EN55022 / EN55024)**
(Operation Environment: Industrial Environment)


General Information
Applicant : **GODEX INTERNATIONAL CO., LTD.**
4F, No. 168, Lian-Cheng Road, Chung-Ho City,
Taipei Hsien, Taiwan

Product Description
EUT Description: Thermal Transfer Printer
Trade Name: GODEX
Model Number: EZ-DT-2

Measurement Standard
EN 55022: 1998 + A1: 2000 + A2: 2003 (CLASS A)
EN 61000-3-2: 2000
EN 61000-3-3: 1995 + A1: 2001
EN 55024: 1998 + A1: 2001 + A2: 2003;
(IEC 61000-4-2: 1995 + A1: 1998 + A2: 2000; IEC 61000-4-3: 2002 + A1: 2002; IEC 61000-4-4: 2004;
IEC 61000-4-5: 1995 + A1: 2000; IEC 61000-4-6: 1996 + A1: 2000; IEC 61000-4-8: 1993 + A1: 2000;
IEC 61000-4-11: 1994 + A1: 2000)

Measurement Facilities
Laboratory Name: **Compliance Certification Services Inc.**
No. 163-1, Chung Sheng Road, Hsin Tien City, Taipei, Taiwan, R. O. C.
Tel: +886-2-22170894 / Fax: +886-2-22171029

This device has been shown to be in compliance with and was tested in accordance with the measurement procedures specified in the Standards & Specifications listed above and as indicated in the measurement report number : 61204003-E


Vince Chiang / Assistant Manager
Date: December 19, 2006



VERIFICATION OF COMPLIANCE

This Verification of Compliance is hereby issued to the below named company. The test results of this report relate only to the tested sample identified in this report.

**Technical Standard : FCC Part 15 Class A (Verification)
IC ICES-003**

(Operation Environment: Industrial Environment)

General Information

Applicant : GODEX INTERNATIONAL CO., LTD.
4F, No. 168, Lian-Cheng Road, Chung-Ho City,
Taipei Hsien, Taiwan

Product Description

EUT Description: Thermal Transfer Printer
Trade Name: GODEX
Model Number: EZ-DT-2

Measurement Facilities

Laboratory Name: Compliance Certification Services Inc.
No. 163-1, Chung Sheng Road, Hsin Tien City, Taipei, Taiwan, R.O.C.
Tel: +886-2-22170894 / Fax: +886-2-22171029

This device has been shown to be in compliance with and was tested in accordance with the measurement procedures specified in the Standards & Specifications listed above and as indicated in the measurement report number : 61204003-F

 
Vince Chiang / Assistant Manager

Date: December 19, 2006

NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

March 1, 2007

Mr. Chard Hu
4F, No. 168, Lian-Cheng Road
Chung-Ho City, Taipei Hsien
Taiwan

Fax: 02-2240-8796

E-mail: godex@godex.com.tw

Reference: File E214683 Project 07NK03054 Report Reference Number: E214683-A6-UL-1.

Product(s): UL/C-UL Investigation for Thermal Transfer Printer, Model EZ-DT-2

Dear Mr. Hu,

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

UL's investigation of your product has been completed under the above project number and the subject product was determined to comply with the applicable requirements.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Listing Mark only at the factory under UL's Follow-Up Service Program to the subject product, which is constructed as described below:

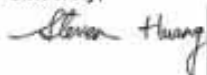
Identical to subject product, which was submitted to UL for this investigation. The UL Records covering the product will be in the Follow-Up Services Procedure, File E214683, Volume X1, Report Reference Number E214683-A6-UL-1.

To provide the manufacturer with the intended authorization to use the UL Mark, the addressee must send a copy of this Notice and all attached material to each manufacturing location as currently authorized in File E214683, Volume X1.

This authorization is effective from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent to the indicated manufacturing locations in the near future. Please note that Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document.

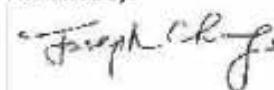
Products that bear the UL Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn.

Sincerely,



Steven Huang
Engineer
Department: 3013BTAI
E-mail: steven.huang@tw.ul.com

Reviewed by:



Joseph Chang
Project Engineer
Department: 3013BTAI
E-mail: joseph.chang@tw.ul.com

CC: Ms. Lynn Hsu
Compliance Certification Services Inc
E-mail: lynn.hsu@tw.ccsenc.com

AN INDEPENDENT ORGANIZATION WORKING FOR A SAFER WORLD WITH INTEGRITY, PRECISION AND KNOWLEDGE.



IEC SYSTEM FOR CONFORMITY TESTING
AND CERTIFICATION OF ELECTRICAL
EQUIPMENT (IECEE)
CB SCHEME

SYSTÈME CEI D'ESSAIS DE CONFORMITÉ
ET DE CERTIFICATION DES ÉQUIPEMENTS
ÉLECTRIQUES (IECEE)
METHODE OC

CB TEST CERTIFICATE
CERTIFICAT D'ESSAI OC

Product
Produit

Name and address of the applicant
Nom et adresse du demandeur

Name and address of the manufacturer
Nom et adresse du fabricant

Name and address of the factory
Nom et adresse de l'usine

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

Trade mark (if any)
Marque de fabrique (si elle existe)

Model/type Ref.
Ref. de type

Additional information (if necessary)
Information complémentaire (si nécessaire)

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

as shown in the Test Report Ref. No.
which form part of this certificate
comme indiqué dans le Rapport d'essais numéro
de référence
qui constitue une partie de ce certificat

Thermal Transfer Printer

Godex International Co., Ltd.
4th Fl. 168 Lian-Cheng Rd., Chung-Ho, Taipei Hsien 235 Taiwan

same as applicant

Ningbo Ming Jong Electric Industry Co., Ltd.
No. 19 Jing5 Middle Road of Beilun District,
Ningbo, Zhejiang Province, China

24 Vdc, 2.5 A (Optional), IP X0, Class III (Supplied by SELV)

GODEX

GODEX

EZ-DT-2

PUBLICATION

IEC 60950-1:2001

EDITION

1st

E214683-A6-CB-1 of 2007-02-27

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification

Date 2007-03-06


Signature

Marina Christiansen
Certification Manager

UL International Demko A/S
Lyskaer 8, P.O. Box 514
DK-2730 Herlev, Denmark
Telephone: +45 44856565
Fax: +45 44856500



An Affiliate of
**Underwriters
Laboratories Inc.**

Internal Ref.:
Joseph Chang



經濟部標準檢驗局

THE BUREAU OF STANDARDS METROLOGY AND INSPECTION
MINISTRY OF ECONOMIC AFFAIRS

商品驗證登錄證書

CERTIFICATE OF THE REGISTRATION OF PRODUCT CERTIFICATION

證書號碼：CI3A6061230046 號 00

Certificate No.

茲據 科誠股份有限公司

申請驗證登錄，經審查結果符合規定，准予登錄

並使用檢驗標識  及識別號碼：R3A123。其登錄事項如下：

申請人：科誠股份有限公司

Applicant

統一編號：84152965

Uniform No.

地址：台北縣中和市連城路168號4樓

Address

生產廠場：寧波名鐘機電工業有限公司

Factory

廠址：寧波市北侖區經五中路19號

Factory Address

產品種類名稱：

Type / name of product

商品分類號列：8471.60.20.90.8

C.C.C. Code

中文名稱：條碼標籤印製機

Chinese name

英文名稱：Thermal Transfer Printer

English name

型式：EZ-DT-2

Type

系列型式：空白

Series of the type

依據標準：CNS13438(86年版)；CNS14336(93年版)

Standards

標準檢驗局或所屬分局發證

(本證經發證機關使用鋼印後生效)

This certificate shall be issued by BSMI or its branches.

(This certificate will become effective only when stamped with this BSMI seal.)

登錄日期：中華民國	九十六	年	二	月	九	日
Registration Date	2007	(year)	02	(month)	09	(day)
本證明書有效期限至	九十九	年	二	月	八	日
Expiration Date	2010	(year)	02	(month)	08	(day)
發證日期：中華民國	九十六	年	二	月	九	日
Date of issue	2007	(year)	02	(month)	09	(day)

(註：持本證書進口時，進口人須與本證書申請人相同)



中国国家强制性产品认证证书

证书编号: 2007010904230165

申请人名称及地址

科诚股份有限公司
台湾台北县中和市连城路168号4楼

商标: GODEX

制造商名称及地址

科诚股份有限公司
台湾台北县中和市连城路168号4楼

生产企业名称及地址

科诚股份有限公司
台湾台北县中和市连城路168号4楼

产品名称和系列、规格、型号

条形码标签机
EZ-DT-2: 24VDC, 2.5A(电源适配器: WDS060240)

产品标准和技术要求

GB4943-2001 GB9254-1998 (Class A) GB17625.1-2003

上述产品符合强制性产品认证实施规则的要求, 特发此证。

发证日期: 2007年04月19日

本证书的有效性依据发证机构的定期监督获得保持。



主任:

李怀林



中国·北京·南四环西路188号9区100070 网址: www.cqc.com.cn

A 0325127

2. EZ-DT-4 Certifications

	SPORTON LAB.	Certificate No: EC600204
	<h1>CERTIFICATE</h1>	
	<p>EQUIPMENT : THERMAL LABEL PRINTER MODEL NO. : EZ-DT-4, PF8d APPLICANT : GODEX INTERNATIONAL CO., LTD. 4F, No. 168, Lian-Cheng Road, Chung-Ho City, Taipei Hsien, Taiwan</p>	
	<p>I HEREBY CERTIFY THAT:</p> <p>THE MEASUREMENTS SHOWN IN THIS TEST REPORT WERE MADE IN ACCORDANCE WITH THE PROCEDURES GIVEN IN EUROPEAN COUNCIL DIRECTIVE 89/336/EEC. THE EQUIPMENT WAS PASSED THE TEST PERFORMED ACCORDING TO</p> <p>European Standard EN 55022:1998/A1:2000/A2:2003 Class A, EN 61000-3-2:2000/A1:2001, EN 61000-3-3:1995/A1:2001 and EN 55024:1998/A1:2001/A2:2003 (IEC 61000-4-2:1995/A2:2000, IEC 61000-4-3:1996, IEC 61000-4-4:1995/A2:2001, IEC 61000-4-5:1995/A1:2000, EC 61000-4-6:1996/A1:2000, IEC 61000-4-8:1993/A1:2000, IEC 61000-4-11:1994/A1:2000).</p> <p>THE TEST WAS CARRIED OUT ON Nov. 27, 2006 AT SPORTON INTERNATIONAL INC. LAB.</p> <p> Alex Chen Manager</p>	
SPORTON INTERNATIONAL INC. 6F, No.106, Sec.1, Hsin Tai Wu Rd., Hsi Chih, Taipei Hsien , Taiwan, R.O.C.		



FCC TEST REPORT

for

**47 CFR FCC Rules and Regulations Part 15 Subpart B,
Class A Digital Device**

Equipment : THERMAL LABEL PRINTER

Model No. : EZ-DT-4, PF8d

FCC ID : N/A

Filing Type : Verification

Applicant : **GODEX INTERNATIONAL CO., LTD.**
4F, No. 168, Lian-Cheng Road,
Chung-Ho City, Taipei Hsien, Taiwan

- The test result refers exclusively to the test presented test model / sample.
- Without written approval of SPORTON International Inc., the test report shall not be reproduced except in full.
- Certificate or Test Report must not be used by the applicant to claim the product in this test report endorsement by NVLAP or any agency of U.S. government.

SPORTON International Inc.

6F, No.106, Sec. 1, Hsin Tai Wu Rd., Hsi Chih, Taipei Hsien, Taiwan, R.O.C.

SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
S 50098967

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0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Längstens gültig bis <i>Latest expiration date</i>
R600204/Sporton	ZTW1-SSY- 10018671 001	04.01.2012 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Godex International Co. Ltd.
4F, No. 168, Lian-Cheng Road
Chung-Ho City, Taipei Hsien 235
Taiwan

Fertigungsstätte *Manufacturing Plant*
Godex International Co. Ltd.
4F, No. 168, Lian-Cheng Road
Chung-Ho City, Taipei Hsien 235
Taiwan

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
EN 60950-1:2001+A11

Zertifiziertes Produkt *(Geräteidentifikation)*
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Drucker (THERMAL LABEL PRINTER)

Bezeichnung : EZ-DT-4 (GODEX)
(Type Designation)

6

Nennspannung : DC 24V
(Rated Voltage)

Nennstrom : 2.5A
(Rated Current)

Schutzklasse : III
(Protection Class)



6

ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Produkt und Fertigungsstätte erfüllen § 4 (1) bzw. (2) und § 7(1) des Geräte- und
Produktsicherheitsgesetzes.
*This certificate is based on our Testing and Certification Regulation.
Product and production fulfill par 4 Art. 1 or Art. 2 and Par 7 Art. 1 of the
German Equipment and Product Safety Law.*

Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49/221)8 06 - 39 35 <http://www.tuv.com/safety>

Dipl.-Ing. A. Klinker

Ausstellungsdatum *Date of Issue* : 05.01.2007 (day/mo/yr)



UL International, L.L.C.
Taiwan Branch

美商優力安全認證有限公司台灣分公司

UL International, L.L.C., Taiwan Branch
台北市 112 北投區大業路 260 號 1 樓
1st Fl 260 Da-Yeh Road Beitou Taipei City Taiwan 112
電話: 886-2-2896-7790
傳真: 886-2-2891-7644
<http://www.ul.com.tw>

NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

December 6, 2006

MR. Wayne Lee
Godex International
C/O Sporton International Inc
14th Fl-2 186 Jianyi Rd
Junghe, Taipei Hsien 235
Tw

Fax number: 886-2-22408796
E-mail: claire@sporton.com.tw
Reference: File E214683 Project 06NK90290 P.O. Number U6O0204
Product: USL/CNL- INVESTIGATION FOR Thermal Label Printer, MODELS EZ-DT-4, PF&d

Dear Mr. Lee,

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

UL's investigation of your product has been completed under the above project number and the subject product was determined to comply with the applicable requirements.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Listing Mark only at the factory under UL's Follow-Up Service Program to the subject product, which is constructed as described below:

Identical to the subject model, which was submitted to UL for this investigation. The UL Records covering the product will be in the Follow-Up Services Procedure, File E214683, Volume X1.

To provide the manufacturer with the intended authorization to use the UL Mark, the addressee must send a copy of this Notice and all attached material to each manufacturing location as currently authorized in File E214683, Volume X1.

This authorization is effective from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent to the indicated manufacturing locations in the near future. Please note that Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document.

Products that bear the UL Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn.

Sincerely,

Dan Xie
Associate Project Engineer
Department: 3013BSUZ
Tel: 86-512-68086400-66643
Fax: 86-512-68084099-66643
E-mail: dan.xie@cn.ul.com

Reviewed by:

Ian Chen
Section Manager
Department: 3013CTPI
E-mail: Ian.Chen@tw.ul.com

Cc: Sporton International Inc., Mr. Peter Hsu, peterhsu@sporton.com.tw

At independent organization working for a safer world with integrity, precision and knowledge.





Ref. Certif. No.

JPTUV-017671-M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE
CERTIFICAT D'ESSAI OC

Product
Produit

THERMAL LABEL PRINTER

Name and address of the applicant
Nom et adresse du demandeur

Godex International Co. Ltd.
4F, No. 168, Lian-Cheng Road
Chung-Ho City, Taipei Hsien 235 Taiwan

Name and address of the manufacturer
Nom et adresse du fabricant

Godex International Co. Ltd.
4F, No. 168, Lian-Cheng Road
Chung-Ho City, Taipei Hsien 235 Taiwan

Name and address of the factory
Nom et adresse de l'usine

See additional page(s)

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

DC 24V; 2.5A; Class III

Trade mark (if any)
Marque de fabrique (si elle existe)

GODEX

Model/type Ref.
Ref. de type

EZ-DT-4

Additional information (if necessary)
Information complémentaire (si nécessaire)

Re-issue of JPTUV-017671 dated 04.01.2007,
due to first modification.

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 60950-1:2001
National differences see test report

As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue une partie de ce Certificat

11009141 002

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



TÜV Rheinland Group

TÜV Rheinland Japan Ltd.
Shin Yokohama Daini Center Bldg.
3-19-5, Shin Yokohama, Kohoku-ku
Yokohama 222-0033 Japan
Phone +81 45 470-1950
Fax +81 45 473-5221
Mail: info@jpn.tuv.com
Web: www.tuv.com

Signature:

Dipl.-Ing. W. Hsu

Date: 16.01.2007



經濟部標準檢驗局

THE BUREAU OF STANDARDS METROLOGY AND INSPECTION
MINISTRY OF ECONOMIC AFFAIRS

商品驗證登錄證書

CERTIFICATE OF THE REGISTRATION OF PRODUCT CERTIFICATION

證書號碼：CI3A5061230039 號 00

Certificate No.

茲據 科誠股份有限公司

申請驗證登錄，經審查結果符合規定，准予登錄

並使用檢驗標識  及識別號碼：R3A123。其登錄事項如下：

申請人：科誠股份有限公司

統一編號：84152965

Applicant

Uniform No.

地址：台北縣中和市連城路168號4樓

Address

生產廠場：詳如附表

Factory

廠址：詳如附表

Factory Address

產品種類名稱：

Type / name of product

商品分類號列：8471.60.20.90.8

C.C.C. Code

中文名稱：條碼標籤印製機

Chinese name

英文名稱：THERMAL LABEL PRINTER

English name

型式：EZ-DT-4

Type

系列型式：PF8d(以下空白)

Series of the type

依據標準：CNS13438；CNS14336

Standards

標準檢驗局或所屬分局發證

(本證經發證機關使用鋼印後生效)

This certificate shall be issued by BSMI or its branches.

(This certificate will become effective only when stamped with this BSMI seal.)

登錄日期：中華民國	九十六	年	一	月	二	日
Registration Date	2007	(year)	01	(month)	02	(day)
本證明書有效期限至	九十九	年	一	月	一	日
Expiration Date	2010	(year)	01	(month)	01	(day)
發證日期：中華民國	九十六	年	一	月	二	日
Date of issue	2007	(year)	01	(month)	02	(day)

(註：持本證書進口時，進口人須與本證書申請人相同)

600004



中国国家强制性产品认证证书

证书编号: 2007010904231072

申请人名称及地址

科诚股份有限公司
台湾省台北县中和市连城路168号4楼

商标: GODEX, INTERMEC

制造商名称及地址

科诚股份有限公司
台湾省台北县中和市连城路168号4楼

生产企业名称及地址

科诚股份有限公司
台湾省台北县中和市连城路168号4楼

产品名称和系列、规格、型号

桌上型商用条形码打印机
EZ-DT-4, PF8d; 24VDC 2.5A (电源适配器: WDS060240)

产品标准和技术要求

GB4943-2001、GB9254-1998、GB17625.1-2003

上述产品符合强制性产品认证实施规则的要求, 特发此证。

发证日期: 2007年04月27日

本证书的有效性依据发证机构的定期监督获得保持。



主任:

李怀林



中国·北京·南四环西路188号9区100070 网址: www.cqc.com.cn

A 0367080