

# GE300/GE330 THERMAL LABEL PRINTER USER MANUAL



 User Manual : GE300 series

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## GE300/GE330 USER MANUAL

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#### Appendix

Product Specifications Interface

#### FCC COMPLIANCE STATEMENT FOR AMERICAN USERS

This equipment has been tested and found to comply with the limits for a CLASS A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at own expense.

#### EMS AND EMI COMPLIANCE STATEMENT FOR EUROPEAN USERS

This equipment has been tested and passed with the requirements relating to electromagnetic compatibility based on the standards EN 55022:1998+A1:2000+A2:2003, CISPR 22, Class A EN 55024: 1998+A1: 2001+A2: 2003, IEC 61000-4 Series EN 61000-3-2/2000&EN 61000-3-3/1995. The equipment also tested and passed in accordance with the European Standard EN55022 for the both Radiated and Conducted emissions limits.

### GE300 SERIES TO WHICH THIS DECLARATION RELATES IS IN CONFORMITY WITH THE FOLLOWING STANDARDS

EN55022: 1998, CLSPR 22, Class A/EN55024: 1998/IEC 61000-4 Serial/EN61000-3-2: 2000/EN 6100-3-3: 1995/CFR 47, Part 15/CISPR 22 3rd Edition: 1997, Class A/ANSI C63.4: 2001/CNS 13438/IEC60950-1: 2005 (EN 60950-1: 2006+A11: 2009)/ GB4943: 2001/ GB9254: 1998/GB17625.1: 2003/EN60950-1: 2001



Caution: Equipment is intended for installation in Restricted Access Location. Only instructed persons and skilled persons should be allowed to install, replace, or service this equipment.



Hot parts! Burned fingers when handing the parts Wait one-half hour after switching off before handing parts

#### Caution

- \* Danger of explosion if battery is incorrectly replaced. Replace only with the equivalent type recommended by the manufacturer.
- \*\* Dispose of used batteries according to the manufacturer's instructions.
- \*\*\* Only use with designated power supply adapter model.
- \*\*\*\* Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

# GE300/GE330 USER MANUAL SAFETY INSTRUCTIONS

Please read the following instructions carefully.

- 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. Make sure the printer is off before plugging the power connector into the power jack.
- 4. It is recommended that you connect the printer to a surge protector to prevent possible transient overvoltage damage.
- 5. Be careful not to get liquid on the equipment to avoid electrical shock.
- 6. For safety and warranty reasons, ONLY qualified service personnel should open the equipment.
- 7. Do not repair or adjust energized equipment under any circumstances.

#### 1.1 **Box Content**

Please check that all of the following items are included with your printer.

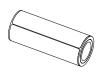
- GE300 Thermal Label Printer •
  - \* Package content and Logo style may vary per region.



Label Supply Module Label Supply Hub

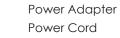


Label Stock



Ribbon Module Empty Ribbon Core

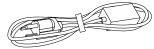




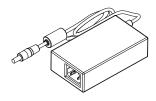


Ribbon

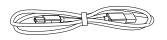




AC Adapter



USB Cable



Label Stopper Plate



CD Including QLabel software and G300 user manual.



G300 Quick Guide

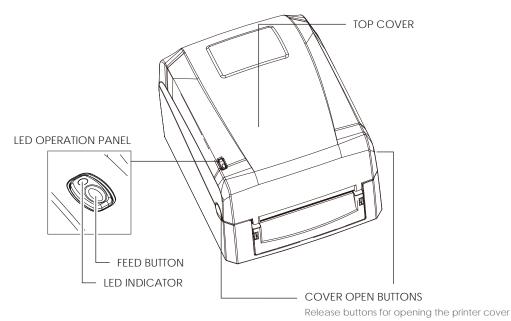


# 1 Barcode Printer

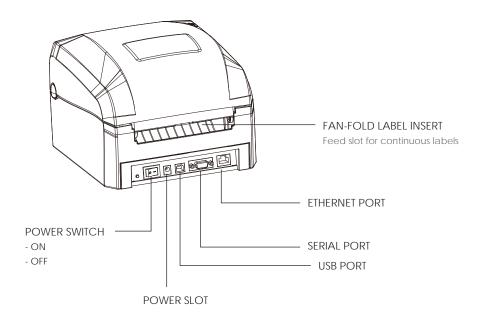
### 1.2 Getting To Know Your Printer

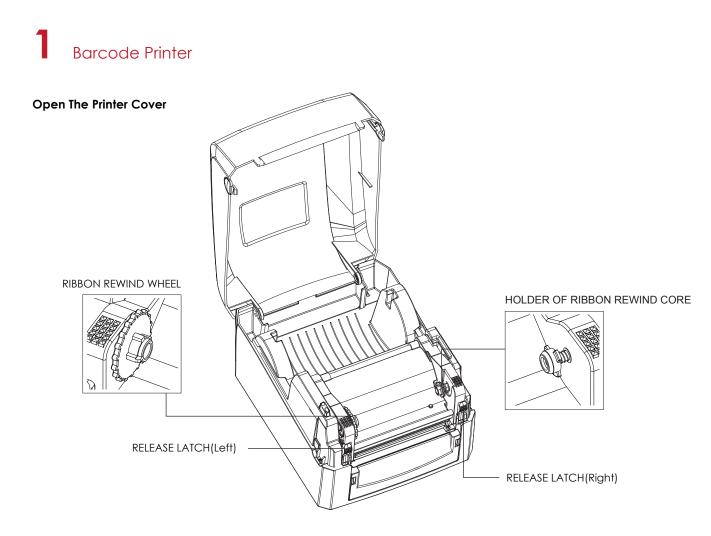
#### **Device Overview**

Front View

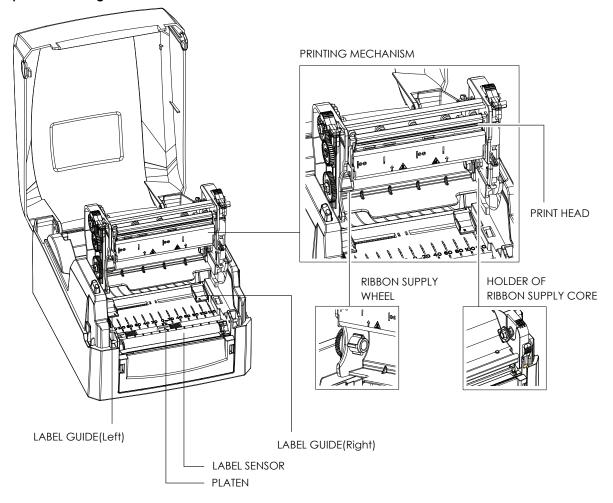


Rear View





Open The Printing Mechanism

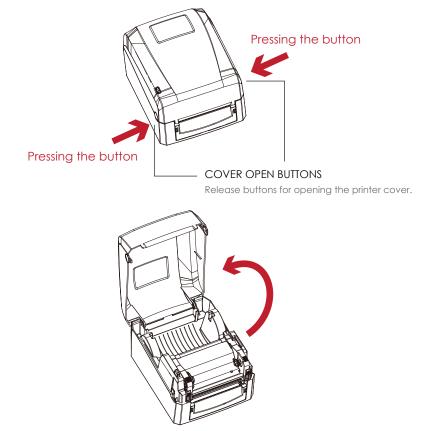




# 2.1 Open The Printer Cover

#### Pressing The Cover Open Buttons

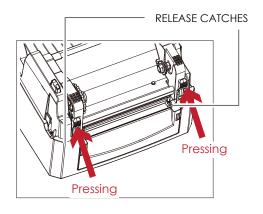
Place the printer on a flat surface. Open the printer cover by pressing the release buttons on both sides of the printer housing and lift the cover.

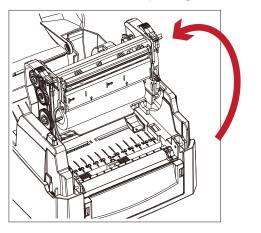


### 2.2 Open The Printing Mechanism

#### Pressing The Release Catches

Release and lift the printing mechanism.



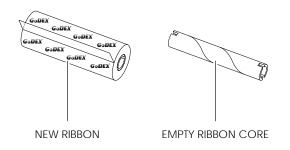




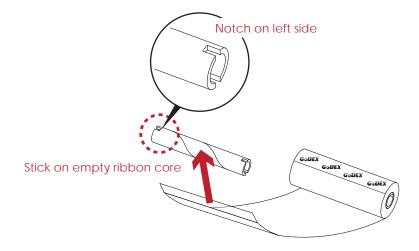


### 2.3 Loading The Ribbon

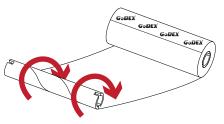
#### A New Ribbon Module Installation



1. Attach the ribbon to the empty ribbon core with the adhesive strip at the end of the ribbon.



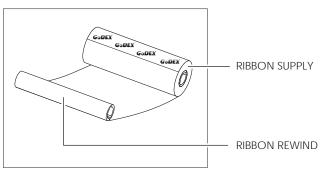
2. Wind the ribbon around the empty ribbon core for 2 to 3 circles.



Wind the ribbon around the core

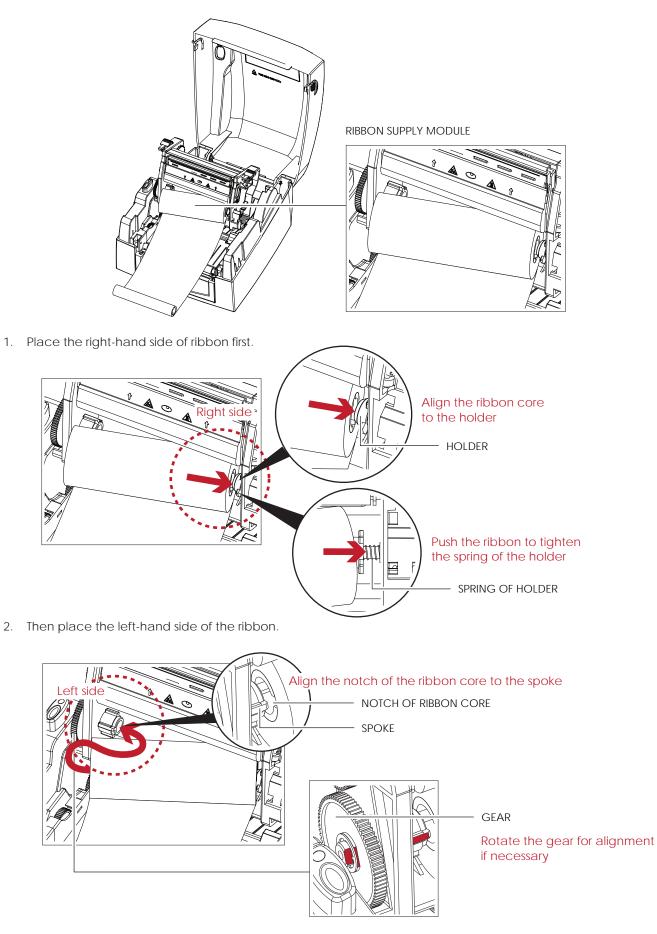
3. A ribbon module is assembled as below.

A NEW RIBBON MODULE

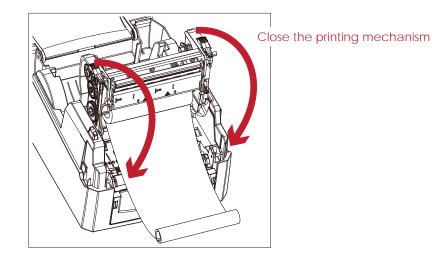




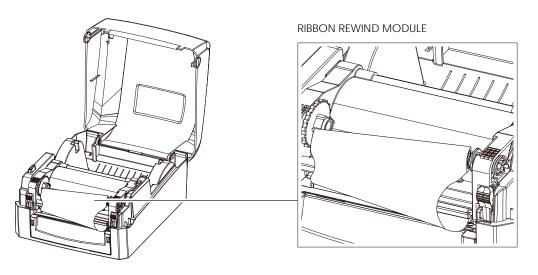
Load The Ribbon On The Printer For Ribbon Supply Module



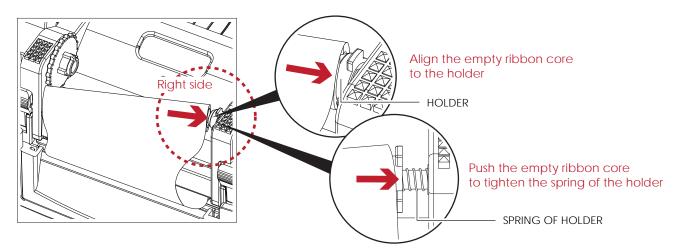
3. Close the printing mechanism to complete the ribbon supply module loading.



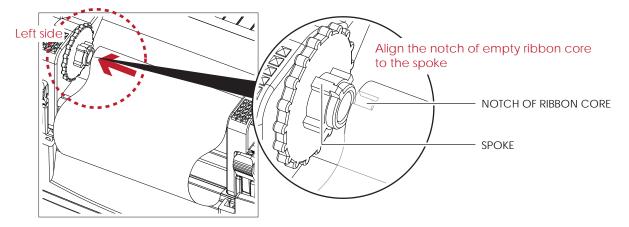
Load The Ribbon On The Printer For Ribbon Rewind Module



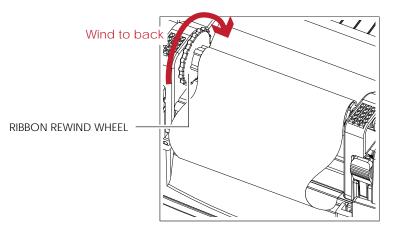
1. Place the right-hand side of empty ribbon core first.



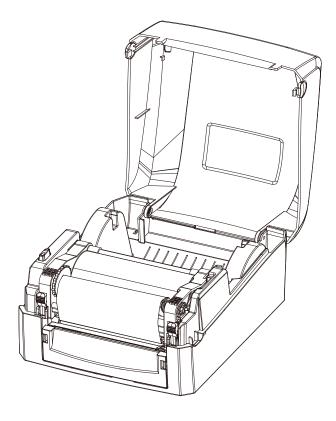
2. Then place the left-hand side of the empty ribbon core.



3. Turn the ribbon rewind wheel to tighten the ribbon until it has no wrinkles.

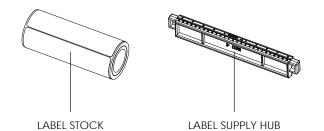


4. Ribbon loading completed.

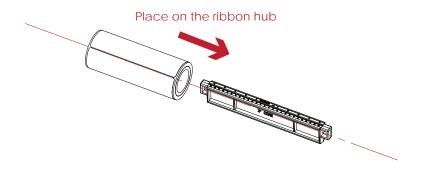


### 2.4 Loading The Label Roll

#### A New Label Roll Module Installation

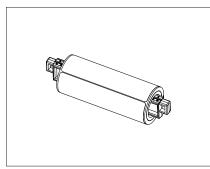


1. Place the label stock on the label supply hub, attach the label guide plates to the label stock holder.



2. A label roll module is assembled as below.

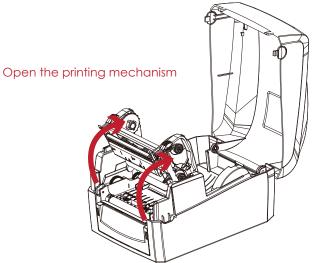
#### A NEW LABEL ROLL MODULE



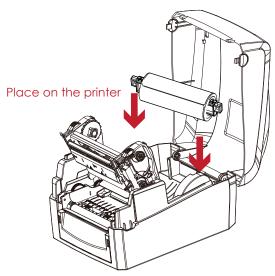


#### Load The Label Roll Module On The Printer

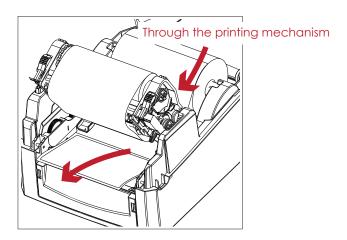
1. Release the printing mechanism and lift it.



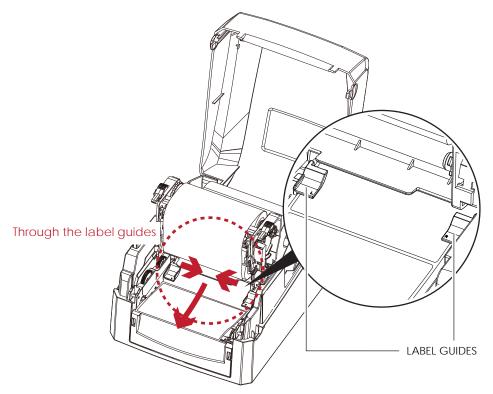
2. Place the label roll module on the printer.



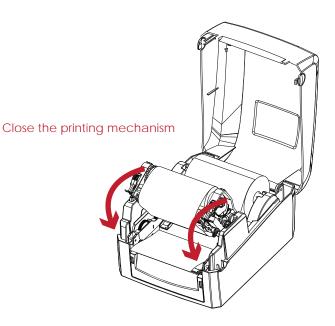
3. Pass the label through the printing mechanism.



4. Pass the label through the label guides and adjust the label guide to the label width. The label guide will help to prevent the label swaying.



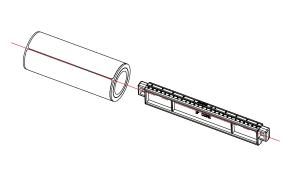
5. Close the printing mechanism and top cover to complete the label loading.

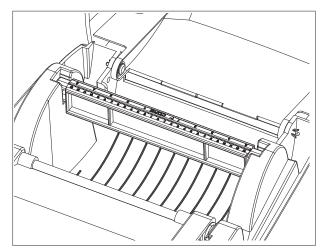


## 2.5 Loading The Label Supply Hub

#### 1" Cores

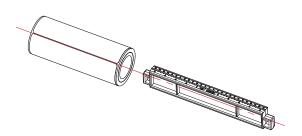
Loading the label supply hub for 1" cores.

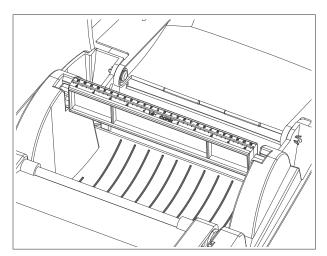




#### 1.5" Cores

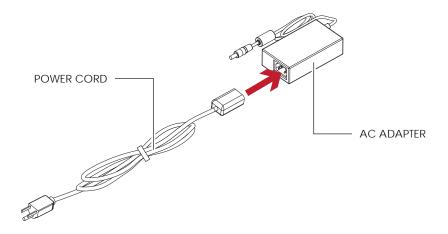
Loading the label supply hub for 1.5" cores.



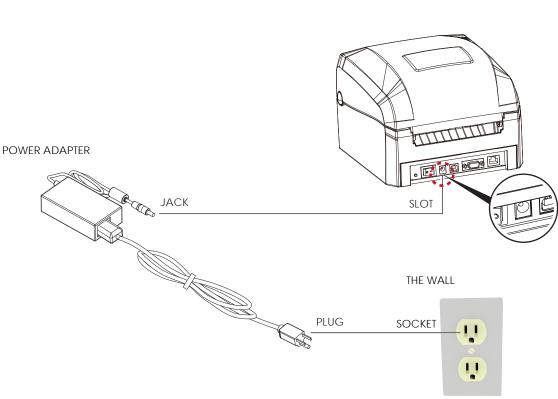


## 2.6 Connecting The Printer To The Host Computer

- 1. Please make sure that the printer is switched off.
- 2. Connect the power cord to the AC adapter.



Connect the jack of the power adapter to the printer and connect the plug of the power adapter to the socket of the wall.



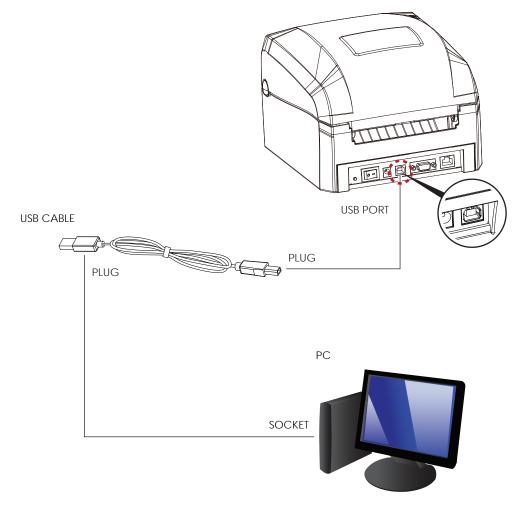
GE300 THERMAL LABEL PRINTER

\*This equipment must be earthed. The power plug must be connected to a properly wired earth ground socket outlet. An improperly wired socket outlet could place hazardous voltages on accessible metal parts.

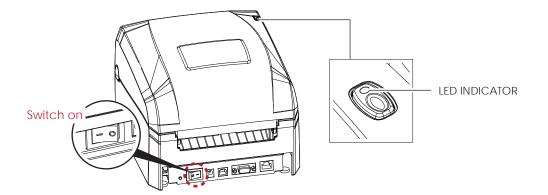


3. Connect the USB/parallel cable to the printer and host computer.

GE300 THERMAL LABEL PRINTER

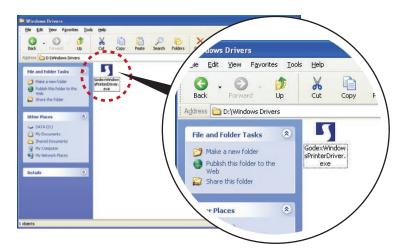


4. Switch on the printer. The LED indicator should now lights up.



### 2.7 Installing The Driver

1. Insert the product CD in the CD/DVD drive of the host computer and open the "Seagull Drivers" folder on the CD. Select the icon for the driver file and click it to start the installation.



2. Follow the instructions on the screen. The Driver Wizard guides you through the installation procedure. Select "Install printer drivers".



3. Specify your printer model.

agull Driver Wizard	
Specify Printer Model The manufacturer and m	odel determine which printer driver to use,
Specify the model of your pri	nter.@
Printer Model	
Godex GE300	
Source: C:\Seagull	Browse
Version:	Liowse
	< Back Next > Cancel

4. Specify the port used to connect the printer to the host computer.

pecify Port A port is used to	connect a printer to the computer.
ot listed below, crea	
Port	Туре
COM1:	Serial Port (9600:8N1)
FILE:	Local Port
USB001	Virtual printer port for USB
USB002 IP_192.168.1.7	Virtual printer port for USB Standard TCP/IP Port (192.168.1.7:LPR)
	Create Port Configure Port

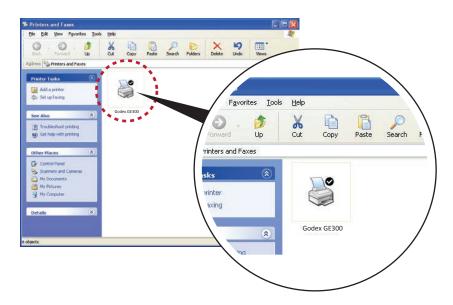
5. Enter a printer name and assign the appropriate rights.

Specify whether or not you want to share this printer with other network users. When sharing, you must provide a share name.	Ś
Use this printer as the default printer Specify whether or not you want to share this printer with other network users. When sharing, you must provide a share name.	
sharing, you must provide a share name.	
Specify whether or not you want to share this printer with other network users. When sharing, you must provide a share name.	
O Do not share this printer	
Share name: Godex_G500	

 Once the installation is complete, a summary of the printer settings is displayed. Check whether the printer settings are correct and click "Finish" to start copying the driver files. Wait until copying is complete, then finish the installation.

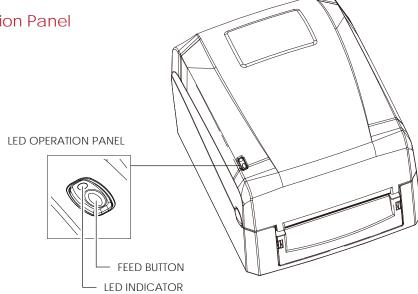
Seagull Driver Wizard	×
Wizard	eting the Seagull Driver I er will be installed using the following settings:
Name:	Godex GE300
Share na	
Port:	USB001
Default:	No
Manufac	turer: Godex
Model:	Godex GE300
Version:	
To begin th	e driver installation process, click Finish.
	< Back Finish Cancel

7. Once the driver installation is complete, the new printer should appear in the "Printers and Faxes" folder.



## 3 **Operation Panel**

### 3.1 **LED** Operation Panel



#### **FEED Button**

When you press the FEED button, the printer moves the label to the defined stop position.

If you are using continuous labels, pressing the FEED button will move label stock until you release the button again. If you are using individual labels, pressing the FEED button will move only one label.

If the label does not stop at the correct position, you need to run the auto-detection function on the label stock, please see Section 3.3 Label Calibration and Self Test.

#### LED Indicators

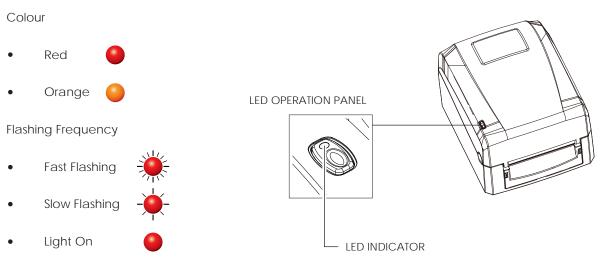
LED Indicator	Status	Description
Green	Standby	The printer is ready for operation.
Red, Orange	Error	The printer has detected an error. See Section 3-2. Error Alerts.

# **3** Operation Panel

### 3.2 Error Alerts

In the event of a problem that prevents normal functioning of the printer, you will see an error message on LED indicators and hear some beep signals. Please refer to below table for the error alerts.

#### Error Light



LED Indicator	Status	Description	Solution
-₩- → -₩-		Unable to detect the paper.	Run the auto-detection function again.
		The ribbon or labels are finished.	Replace the ribbon or label roll.
	Media Error	Possible reasons: Paper jam. The paper feed ro	Possible reasons:
			The paper feed roller is blocked.
			No gap or black mark could be detected.
	Settings Error	No ribbon is loaded, but thermal transfer mode is selected as printing mode.	1. To work in thermal transfer mode, load a ribbon.
			2. Alternatively, select the direct thermal printing mode.
		The memory is full. The printer also prints the message "Memory full".	Delete data you no longer need from the printer memory.
	Memory Error	Unable to find file. The printer also prints the message "Filename cannot be found".	Use the "~X4" command to print a list of all existing file names. Check whether the file name is correct.
		File name already exists. The printer also prints the message "Filename is repeated".	Change the name of the file and try storing it on the printer again.
•	Print Head Error	The print head temperature is too high.	Wait for the print head to cool down to operating temperature. The printer will then switch to standby mode and the LED will stop flashing.

### 3.3 Label Calibration and Self Test

#### Label Calibration

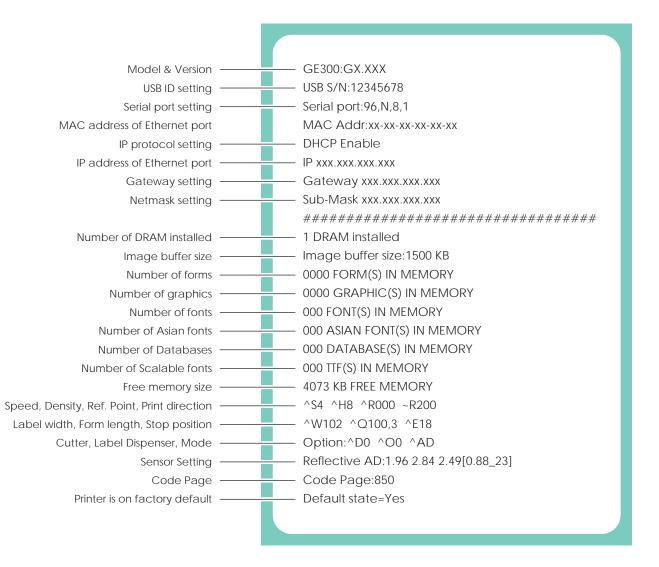
The printer can automatically detect and store label height. That means the host computer does not need to transmit the label height to the printer.

#### Self Test

Self-test function lets you check whether the printer is functioning normally. Here is how you run the label size calibration and self test.

- 1. Check that the label stock is loaded correctly.
- 2. Switch off the printer.
- 3. Switch the printer on again, keeping the FEED button pressed. When the LED starts to flash red, release the FEED button. The printer will now measure the label stock and store the label height.
- 4. Once the printer has successfully measured the label stock, it will print a self-test label.

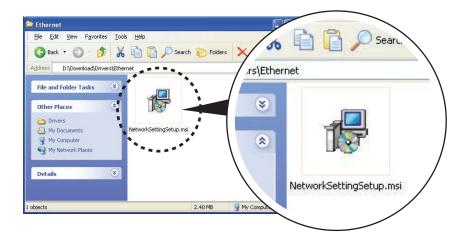
The contents of a self-test printout are listed below.



### 4.1 Installing The NetSetting software

The NetSetting software is used to manage the network configurations when connecting the printer via Ethernet port. It is available on product CD or can be downloaded from official website. To install the NetSetting, please follow below steps.

- 1. Insert the product CD in the CD/DVD drive of the host computer and open the "Ethernet" folder on the CD.
- 2. Select the icon for the NetSetting installation file and click it to start the installation.



- 3. Follow the instructions on the screen. The Setup Wizard guides you through the installation procedure.
- 4. Specify the "Installation Folder".

PNetSetting	
Select Installation Folder	NetSetting
The installer will install NetSetting to the following folder.	
To install in this folder, click "Next". To install to a different folder	er, enter it below or click "Browse".
<u>F</u> older:	
C:\Program Files\Godex\NetSetting\	Browse
	Disk Cost
Install NetSetting for yourself, or for anyone who uses this co	mputer:
⊙ Just <u>m</u> e	
Cancel	< <u>B</u> ack <u>N</u> ext >

- 5. Click "Next" to start the installation.
- 6. Once the installation is completed; you will see the NetSetting icon on your desktop.





### 4.2 The Interface of NetSetting

Click the NetSetting icon to start the program; you will see the start page as below. The start page will display the basic information of connected printer and your PC.

	<u>\$</u>	5	
Please Select The Printer You	I Want To Connect		8
Alias Name	Serial No.	Mac Address	IP Address
- Printer			
Godex	000000	00-1D-9A-00-0E-4F	192.168.101.151
I– LeoChuang		48-5B-39-F2-76-D6	192.168.101.33
Miscellaneous Information			1
BOOT :1.000a1 F/W : G500 1.000a Jul 25 2 PCB : 248000	011 09:13:46		

Click the magnifier icon to search the Godex printers which are connected via Ethernet port in you network environment. Once a connected Godex printer is detected, it will be listed on the start page.

NetSetting IP Setting	Language 👻
A A A A A A A A A A A A A A A A A	
Printer Name: Length(1~16) Port No: 9100	
InputPass	
Please Input Password (Digit Allowed Only): Length(1~4) OK Cancel	
IP Address: <u> </u>	
Set ReGet	

There are six tabs on the top of interface which can configure different types of network settings. But for the data security reason, you need correct password to enter the configuration pages.

#### Notice

<sup>\*</sup> The default password is "1111", you can change the password later from the "IP Setting" tab.

#### **IP Setting**

The IP Setting tab can change the printer name, Port number, Gateway setting and the password for configuring the printer. You can also set the printer's IP address ether by DHCP or by Static IP.

	NetSetting IP Setting	Language +
	<b>%</b> 🕼 🍫	
Printer Name:	Godex	Length(1~16)
Port No:	9100	
Default Gateway:	192.168.0.254 I	
Password:	0000	Length(1~4)
Get IP From	DHCP Server	
⊖ Static IP		
IP Address:	192 . 168 . 101 . 151 I	
Subnet Mask:	255 . 255 . 255 . 0 1	
Set	ReG	
Set	Keg	et

You can press "Set" button to apply the settings and "ReGet" button to refresh the setting values.

#### Notice

\* When enabling DHCP, if you find the IP Address as: IP = 169.254.229.88, Netmask = 255.255.0.0, Gateway = invariable (last value), the IP Address is invalid.

<sup>\*</sup> To fully benefit from the NetSetting software, you should be familiar with basic networking principles. Please contact your network administrator for related network setting information.

#### Alert Path Setting

NetSetting will send the alert messages to designated mail account when the error happened on printer. The alert messages are sent by SMTP (Simple Mail Transfer Protocol) or SNMP (Simple Network Management Protocol). You can set or change the configurations of SMTP and SNMP on this "Alert Path Setting" tab.

	NetSetting Alert Path Setting	Langua	age +
	* 🔝 🍤		
SMTP Notification Enable			
Login Pass Server IP Add Mail Sul Mail From Add	ress: 0.1.66.97 bject: rcode printer message ress: fault@default.com ress: fault@default.com rycle: 0 0~168 H	Length(1~64) Length(1~16) XXXXXXXXXXXX Length(1~60) Length(1~32) Length(1~32) Hours	
SNMP Notification Enable	3		
SNMP Comm SNMP Trap Comm Trap IP Add	unity: blic	Length(1~16) Length(1~16) xxx.xxx.xxx.xxx	
Set		ReGet	

You can press "Set" button to apply the settings and "ReGet" button to refresh the setting values.

#### Alert Message Setting

For the alert message notification function, you can decide which error cases need to be sent out to the operator. Moreover, the alert messages can be set to be sent by SMTP, SNMP or both.

		LetSetting essage Setting	Language +
8	<u>9</u> %	<b>\$</b>	
SMTP	SNMP	Description	
		Paper Out	
		Missing Gap	
		Ribbon Out	
		Door Open	
		Rewinder Full	
	Z	Memory Full	
		Name Not Found	
		Name Duplicate	
		Syntax Unknown	
	Z	Cutter Jam	
Set		ReGet	

You can press "Set" button to apply the settings and "ReGet" button to refresh the setting values.

#### Printer Configuration

Set or change the configurations of connected printer. Most of key settings for the printer operation can be done by this setting page.

				atSetting Configuration		Language 🗸
	NETWORK S	<u></u>	*			
Printer Setup	l Resolution	Speed	Darkness	Stripper/Appl	icator Labels per	Cut Printing Mode
GE300	203 •	4	10 •	0 (None)		<ul> <li>Thermal Transf </li> </ul>
	PC Com Port Setti Baud Rate 9600 Parity None Data Bits 8 Stop Bits 1		Keybo	neous CD Language oard Language Code Page Page 850 Buzzer	Smart Backfee OFF Top Of Form ON	ed
		Set			ReGet	

You can press "Set" button to apply the settings and "ReGet" button to refresh the setting values.



#### User Command

The "User Command" tab provides a communication interface for operator to control the printer. Input printer commands in "Input Command" window and press "Send Command" button, the commands will be sent to the printer.

For some commands that will return response message, the message will be displayed in "Output Message" window.

	NetSetting User Command	Language +
	🔮 😵 🕵 🍫	
Input Commar	Send Command	
Output Messa	ge	

You can press "Send Command" button to send printer commands via Ethernet port and control the printer remotely.

#### Firmware Download

On "Firmware Download" tab, the current version of printer firmware will be showed on the screen. If you need to update the printer firmware, just specify the file location of firmware file and press "Start Download Firmware" button. The printer firmware then can be updated remotely.

	NetSetting Firmware Download	Language +
/ 🖷 🗽 💩 🎴	*	
Firmware Current Versi	on: BOOT : 1.000a1 F/W : GE300 1.000a	
Please Select Firmware F	ile: Start Download Firmware	Browse
Recover To Factory Setting	js	

In addition to the firmware update, you can press "Recover To Factory Settings" button to restore the printer configurations back to factory default.

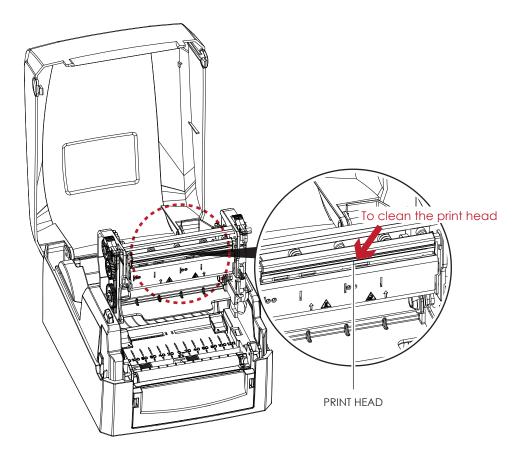
### 5.1 Cleaning The Print Head

Dirt on the print head or ribbon, or glue residue from the label stock may result in inadequate print quality. The printer cover must therefore always be closed during printing. Keeping dirt and dust away from the paper or labels ensures a good print quality and a longer lifespan of the print head.

#### **Cleaning Steps**

Here is how you clean the print head.

- 1. Switch off the printer.
- 2. Open the printer cover.
- 3. Release the printing mechanism and lift it.
- 4. Remove the ribbon.
- 5. To remove any label residue or other dirt from the print head (see red arrow), please use a soft lint-free cloth dipped in alcohol.



### Notice

\* The print head should be cleaned once a week.

<sup>\*</sup> Please make sure that there are no metal fragments or other hard particles on the soft cloth used to clean the print head.

# 5.2 Troubleshooting

Problem	Solution
The printer is switched on but the LED • • does not light up.	<ul> <li>Check the power supply.</li> <li>Please see the Section 2.6</li> </ul>
The LED lights up red and printing is interrupted.	<ul> <li>Check the software settings (driver settings) or command codes.</li> <li>Look for the error alert in the table in Section 3.2. Error Alerts.</li> <li>Check whether the print mechanism is closed correctly.</li> <li>Please see the Section 3.2</li> </ul>
<ul> <li>The label stock passes through the printer but no image is printed.</li> </ul>	and that it is suitable material. Choose the correct printer driver.
• The label stock jams during printing.	<ul> <li>Clear the paper jam. Remove any label material left on the thermal print head and clean the print head using a soft lint-free cloth dipped in alcohol.</li> <li>Please see the Section 5.1</li> </ul>
There is no printed image on some parts of the label.	<ul> <li>print head.</li> <li>Check for errors in the application software.</li> <li>Check whether the starting position has been set incorrectly.</li> </ul>
<ul> <li>There is no printed image on part of the label or the image is blurred.</li> </ul>	Use the internal "~T" command to check whether the thermal print head will carry out a complete print job.
The printed image is positioned incorrectly.	<ul><li>Check whether there is paper or dust covering the sensor.</li><li>Check whether the label stock is suitable. Contact your supplier.</li><li>Check the paper guide settings.</li></ul>
A label is missed out during printing.	Check whether there is dust covering the sensor.
• The printed image is blurred.	<ul> <li>Check the darkness setting.</li> <li>Check the thermal print head for dust or dirt.</li> <li>Please see the Section 5.1</li> <li>Check if the ribbon is suitable for label stock.</li> </ul>

### Notice

<sup>\*</sup> If any problems occur that are not described here, please contact your dealer.



#### 1.1 Check the Wireless Access Point Setting Value

Connect GE300 Wireless Module to Wireless Access Point, and then connect the Module to the Mobile phones or computers through network.

About the parameters of wireless access point, please refer to the figure below(Example:D-Link AP)

	changes made on this section may also need to be duplicated on your Wireless Client.	
NETWORK SETTINGS	Save Settings Don't Save Settings	
	WIRELESS NETWORK SETTINGS	
	Enable Wireless : 🖉 Always 🔻 Add New	_
	Wireless Network Name : GE300 (Also called the SSID)	)
	802.11 Band : 🖲 2.4GHz 🔍 5GHz	
	802.11 Mode: Mixed 802.11n, 802.11g and 802.11b 🔻	
	Enable Auto Channel Scan : 🖉	
	Wireless Channel: 2.437 GHz - CH 6 🔻	
	Transmission Rate : Best (automatic)  (Mbit/s)	
	Channel Width: 20 MHz 🔻	
	Visibility Status : <ul> <li>Visible</li> <li>Invisible</li> </ul>	
	WIRELESS SECURITY MODE	
	To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.	
	Security Mode : WPA-Personal	
	WPA	
	Use <b>WPA or WPA2</b> mode to achieve a balance of strong security and best compatibility. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. Also the strongest cipher that the client supports will be used. For best security, use <b>WPA2 Only</b> mode. This mode uses AES(CCMP) cipher and legacy stations are not allowed access with WPA security. For maximum compatibility, use <b>WPA Only</b> . This mode uses TKIP cipher. Some gaming and legacy devices work only in this mode.	
	To achieve better wireless performance use <b>WPA2 Only</b> security mode (or in other words AES cipher).	
	WPA Mode : WPA2 only  Cipher Type : AES	
	Group Key Update Interval : (seconds)	
	PRE-SHARED KEY	
	Enter an 8- to 63-character alphanumeric pass-phrase. For good security it should be of ample length and should not be a commonly known phrase.	
		KEY

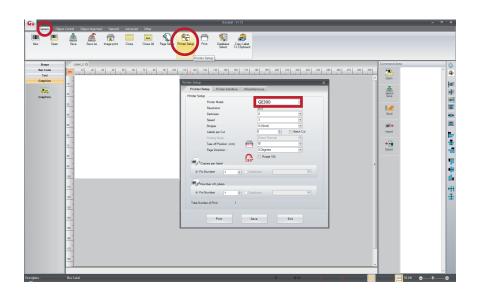


USER MANUAL

# WiFi Printer Server Module Installation

**APPENDIX** 

- 1.2 Set up GE300 Wireless Network through Godex WiFi tool
  - Step 1. Connect GE300 and computer by USB cable
  - Step 2. Turn on GE300
  - Step 3. Start Golabel
  - Step 4. "Generic"  $\rightarrow$ " Printer Setup"  $\rightarrow$ Select printer model to GE300 (see the screenshot below)



Step 5. Click "WiFi Setting" icon (see the screenshot below)

Shape Bar Code Text		130 140 150 160 170 180 190 200 210 2	20 220 340 250 260 270 280 290 2	ind Area
Graphics	9 <u>0</u>		Ope	
Graphics	20		<u>A</u> Sec	2 P
	30 40		No. Ser	
	0.			*
	0		inp	
	10		÷2 Equ	
	20		F	
	30			
	110			
	120			



- Step 6. Input parameters of wireless access point (see the screenshot below)
- Step 7. Click "Set Data" icon, and the printer will reboot

			WiFi Tool	 - = X	
		Basic Security Others			
	× 1	WLAN Detail			
	Set Data	Module Active :	Disable	•	
Selec		Service Set Identifier (SSID) :	GEAP		SSID
	Get Data				
	act Data	Security :	WPA2-PSK		Security
	U	Network Authentication :	Open System		
	Exit	Default Key :	1		
		WEP Key #1 :	Disable 🔹	 HEX 💽	
		WEP Key #2 :	Disable 🔹	 HEX 💽	
		WEP Key #3 :	Disable 💽	 HEX 💽	
		WEP Key #4 :	Disable 🔹	HEX 💽	
		Pre-Share Key Encryption :	AES 💽		
		Pre-Share Key :	1234567890		
				P	RE-SHARED KEY
ļ					5

PS: If printer doesn't reboot after a few seconds and 3 beeps are not heard, please repeat the steps from chapter 1.2)



- 1.3 Activate DHCP function for GE300
- 1. First of all, configure DHCP function through USB

Steps : Click "Generic" → Click "Printer Setup" → Select "USB port/GoDEX GE300 " → Click "Save "

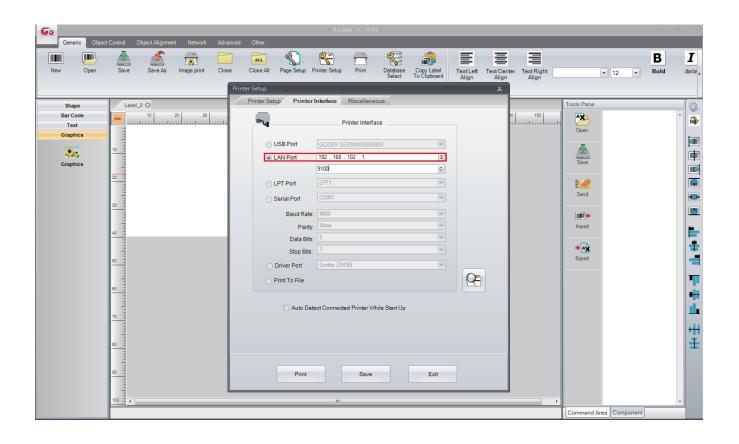
New Open	Save As image print Close Close All	Page Setur Printer Setup	Database Croy Label Select To Clipboard		Command Area	
Baga Barcolo Tas Copulos Copulos Copulos		Noted Selection			Commandates Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Const Con	十十 下寺山 山谷町 同意園風岳面 むの

2. Obtain the printer IP address through WiFi Setting (Please refer to the screenshot below)

Generic O	bjøct Control Object Alignment 🚺	Network Advanced Other		Golabel - V1.12 Bets 7	_		_	- 7 %
	🧶 🔒 G	F 🔝						
IP Setting Se Part	et Alarm Set Alert Search rameters Message Prin	God k WFi Setting			_			
				Wi-Fi Tool V1.14		×	Command Area	100
Dage Bar Colo Tardi Cangline Cangline			Base     Other       Image: Alles Nome:     Image: Alles Nome:       Im	192 . 168 . 43 . 196 255 . 255 . 255 . 0			Corrend Ares Corrend Ares Corrend Ares Corrend See See See See See See See Se	, 1989년 월종일 월종일 월종일 우승
Description :	New Label	_		_	X: 470			



3. Fill the IP address into the label printer interface.



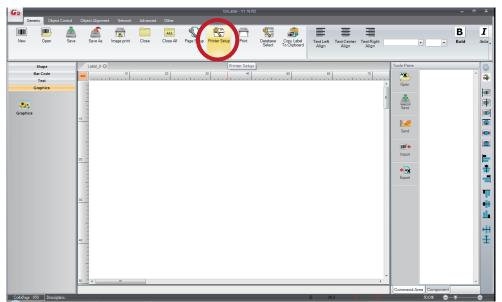
# **APPENDIX** Wi-Fi Printer Sever Module Installation(Quick Setting)



\* Quick setting only supports GoLabel 1.15K and Arm 7 (FW1.100) Or Arm 9 (FW2.00A) or higher version

Set up wireless network through GoDEX WiFi tool

- 1. Turn on the printer, connect printer and computer by USB cable.
- 2. Start GoLabel.
- 3. "Generic"  $\rightarrow$ " Printer Setup".



4. Select printer moedel(Wi-Fi supported models).

Printer Setup			x
Printer Setup Printer Interface	Miscellaneous		
Printer Setup			
Printer Model:	RT863i	•	
Resolution:	RT230	*	
	RT230i RT700		
Darkness	RT700		
Speed	RT700i+		
Stripper	RT700iW		
Suipper	RT700x		
Labels per Cut	RT730 RT730i		lut
Printing Mode:	RT730i+		
Frinung Mode.	RT730iW		
Tear-off Position (mm)	RT730x		
Page Direction :	RT823i		
Page Direction :	RT833i		
Draw Mode :	RT860i		
	RT863i		
	ZX420 ZX420i		
	180° 2X420 ZX430		
1 <sup>1</sup> Copies per label	ZX430		
	7X1200i		
<ul> <li>Fix Number</li> <li>1</li> </ul>	O Datab ZX1200Xi		· · ·
	ZX1300i		
	ZX1300Xi		
<sup>12<sup>3</sup></sup> Number of Labels	ZX1600i	=	
	ZA12X		
Fix Number	O Datab ZA13X		-
	EX620P		
	EX630P	*	
Total Number of Print :	1		,
Save Serial No Before Exit	Show OutPa	nge Alert Message	
Save Serial No Delote Exit	Show Ourva	rige Alert Message	
Print	Save	Exit	
		2744	



5. Click" WiFi Setting" icon.



6. Click" Quick Setting" icon.

		Wi-Fi Tool V1.1	3	_		x
×	Basic Others				English	•
et Data	Module Active :	Enable				-
0010010	Service Set Identifier (SSID) :	GodexAP1				
	Туре:	Intrastructure				-
uet Data	Encryption					
	Security :	WPA2-PSK				-
((++))	Network Authentication :	Open System				-
Quick	Default Key :	1	*			
Quick Setting	WEP Key #1 :	64 bits	~	11111	ASCII	*
		64 bits	~	22222	ASCII	*
		64 bits	*	33333	ASCII	*
		64 bits	~	44444	ASCII	*
	Pre-Share Key Encryption :	Auto	~			
	Pre-Share Key :	0000000				
	Roaming Threshold :	0				A V



# 7. Click the Search button.

<step.1< th=""><th>&gt; Search Wi-Fi</th><th></th><th></th><th></th></step.1<>	> Search Wi-Fi			
No.	SSID	Security	MAC Address	RSSI
			N	ext > Cancel

lo.	SSID	Security	MAC Address	RSSI



#### 8. Select server and click **next** button.

	0.010				
No.	SSID	Security	MAC Address	RSSI	_^^
00	MXAP	None	D4:8C:B5:BE:AD:05	-44	- 11
01	WiFiAP	WPA2-PSK	D6:8C:B5:BE:AD:05	-44	- 11
02	WLAN51111	WEP	D2:8C:B5:BE:AD:05	-44	- 11
03	WIFIPRINTER1	None	DE:8C:B5:BE:AD:05	-44	- 11
04	GDX-BYOD	None	24:DE:C6:97:57:B0	-54	- 11
05	GDX-Guest	None	24:DE:C6:97:57:B2	-54	E
06	GDX-test	WPA2-PSK	24:DE:C6:97:57:B3	-56	- 11
07	GDX-BYOD	None	24:DE:C6:97:57:80	-62	- 11
08	GDX-Guest	None	24:DE:C6:97:57:82	-62	- 11
09	GDX-test	WPA2-PSK	24:DE:C6:97:57:83	-62	
10	HUAWEI-B525	WPA2-PSK	10:B1:F8:14:A2:F4	-70	
11	GodexAP1	WPA-AUTO	00:50:7F:4A:24:61	-72	
12	WLAN511010	None	00:50:7F:4A:24:60	-74	
13	ABC123	None	00:50:7F:4A:24:63	-74	
14	MXAPWPA2PER	None	00:50:7F:4A:24:62	-76	
15	GDX-BYOD	None	24:DE:C6:97:57:60	-78	
16	GDX-Guest	None	24:DE:C6:97:57:62	-78	-
Q					

9. Enter the password set on the server side and click the "Setting" button.

<step.2> WiFi Setting</step.2>		
No. SSID Name Security	11 GodexAP1 WPA-AUT	
Password		
		Back Satting Cancel
		< Back Setting Cancel



10. After the setting succeeded, a prompt will pop up and the printer will restart.

<step.2> WiFi Setting</step.2>	
No.	11
SSID Name	GodexAP1
Security	WPA-AUTO
	i-Fi Wizard
	<pre>Setting Cancel</pre>

11. Select the "Other" tab and click the "Get Data" icon after selecting "IP Settings".

	~	Wi-Fi Tool V1.18	X
	Basic Others		English 💌 🔫
P			
Set Data	Alias Name :		
	Setting —		
Get Data	Printer Net Port	9100	
	<ul> <li>Get IP From DHCP Se</li> <li>Static IP</li> </ul>	rver Automatically	
(((+)))	IP Address	192 . 168 . 102 . 1	x
Quick Setting	Subnet Mask	255 . 255 . 255 . 0	x.
	Default Gateway	192 . 168 . 102 . 254	x



12. After remembering the IP address, open the "Printer Settings" window.

		Wi-Fi Tool V1.18	X
	Desis Others		
Set Data Get Data ((++)) Quick Setting	Basic Others Alias Name Alias Name: ✓ IP Setting Printer Net Port ● Get IP From DHCP S ● Static IP IP Address Subnet Mask Default Gateway	9100 erver Automatically 192 . 168 . 102 . 118 255 . 255 . 255 . 0 192 . 168 . 102 . 254	English V

13. Select the "Printer Interface" tab, fill in the IP address and click "Save" to complete the setting.

Printer Setup X				
Printer Setup Printer Interface Miscellaneous				
Bur	Printer Interface			
USB Pot	GODEX RT863i#00000000	·		
LAN Port	192 . 168 . 102 . <mark>118</mark>	X		
	9100			
O Er Fr ort	LPT1			
Serial Port	COM1	*		
Baud Rate:	9600			
Parity:	None	*		
Data Bits:	8	·		
Stop Bits:	1	· ·		
<ul> <li>Driver Port</li> </ul>	Godex ZX430i			
O Print To File				
Auto Detect Connected Printer While Start Up				
Print	Save	xit		

GE300/GE330 USER MANUAL



### **PRODUCT SPENIFICATIONS**

Λ	Nodel	GE300	GE330
Print Method		Thermal Transfer/Direct Thermal	
Re	solution	203dpi(8dots/mm)	300dpi(12dots/mm)
Prin	nt Speed	5 IPS (102mm/s)	3IPS(76.2 mm/s)
Priı	nt Width	4.25"(108mm)	4.16"(105.7mm)
Prin	it Length	Min. 0.16"(4mm)**; Max. 68"(1727mm)	Min. 0.16"(4 mm)**; Max. 30"(762mm)
Memory	Flash	8MB Flash(4MB for user storage)	
	SDRAM	16MB SDRAM	
Sen	sor Type	Fixed transmissive sensor	
501		Adjustable reflective sensor (full range)	
	Types	0	sensing, and punched hole; label length se
		by auto sensing or programming	
Media	Width	1"(25.4mm)Min4.64"(118mm)Max.	
	Thickness	0.003" (0.08mm)Min0.008"(0.20mm)Max	
	Label Roll Diameter	Max. 5"(127mm)	
	Core Diameter	1", 1.5"(25.4mm, 38.1mm)	
	Types	Wax, wax/resin, resin	
	Length	360"(110m)	
Ribbon	Width	1.18"Min-4.33"(30mm-110mm)Max	
	Ribbon Roll Diameter	1.57"(40mm)	
	Core Diameter	0.5"(12.7mm)	
Printer	Language	EZPL,GEPL,GZPL,GDPL auto switch	
	Label Design Software	GoLabel (for EZPL only)	10 11/2 1 0 0000 50 0010 0010
	Driver	Vista, Windows /, Windows 8 & 8.1, Windo	ows 10, Windows Server 2008 R2, 2012, 2012
Software		R2, 2016, 2019, MAC, Linux	
	SDK	Win CE, .NET, Windows Vista, Windows 7,	Windows 8 & 8.1, Windows 10, Android,
		Mac, iOS	
		6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR	
Resident Fonts	Bitmap Fonts		single characters 0°, 90°, 180°, 270° rotatable
Resident forms		Bitmap fonts 8 times expandable in horizontal and vertical directions	
	TTF Fonts	TTF Fonts (Bold / Italic / Underline ). 0°,90°,	
	Bitmap Fonts	0°, 90°, 180°, 270° rotatable, single characte	
		6x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese (S-JIS),	
Download Fonts	Asian Fonts	Korean (KS-X1001)	
			pandable in horizontal and vertical direction
	TTF Fonts	TTF Fonts (Bold / Italic / Underline ). 0°,90°,	
Barcodes	1-D Bar codes	C), EAN-8/EAN-13 (with 2 & 5 digits extens DataBar, HIBC, Industrial 2 of 5 , Interleaved Shipping Bearer Bars, ISBT-128, ITF 14, Japa	anese Postnet, Logmars, MSI, Postnet, Plesse if 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (wi
	2-D Bar codes	Aztec code, Code 49,Codablock F , Datama code, PDF417,QR code, TLC 39, GS1 Compo	trix code, MaxiCode, Micro PDF417, Micro Q osite
		CODEPAGE 437, 850, 851, 852, 855, 857, 8	
Coc	de Pages	WINDOWS 1250, 1251, 1252, 1253, 1254, 12	255, 1257
		Unicode UTF8, UTF16BE  VTF16LE	
Gi	raphics	Resident graphic file types are BMP and P	CX, other graphic formats are
		downloadable from the software	
		Serial port: RS-232(DB-9)	
Int	erfaces	USB2.0	
		Ethernet	
		One Tri-color LED: Power(Green, Orange o	and Red)
Control Panel		Function Kour FFFD	
Con	trol Panel	Function Key: FEED Calibration Button	



#### **PRODUCT SPENIFICATIONS**

	Model	GE300	GE330
	Power	Auto Switching 100-240VAC, 50-60Hz	
<b>F</b>	<b>Operation Temperature</b>	41°F to 104°F(5°C to 40°C)	
Environment —	Storage Temperature	-4°F to 122°F (-20°C to 50°C)	
l le une i elite e	Operation	30-85%, non-condensing	
Humidity	Storage	10-90%, non-condensing	
Agen	cy Approvals	CE(EMC)  < FCC Class A  < CB  < UL  < CUL  < CCC	
Dimension	Length	9.88″ (251mm)	
	Height	6.46″ (164mm)	
	Width	7.87″ (200mm)	
	Weight	1.8Kg ,excluding consumables	
Options		Cutter(Dealer Install) External label unwind stand External label rewinder Bluetooth Wireless LAN (IEEE 802.11 b/g/n) Real Time Clock (RTC) (Dealer Install) Left Alignment Printing Mechanism(Factory Install)	

#### Notice

- \* Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.
- \*\* Minimum print height specification compliance can be dependent on non-standard material variables such as label type, thickness, spacing, liner construction, etc. Godex is pleased to test non-standard materials for minimum height printing capability.
- \*\*\* The cutter is an optional accessory. If the cutter is installed, it is not suitable for children to approach.

#### **Pinout Description**

• USB

Connector Type :		Туре В		
Pin NO.	1	2	3	4
Function	VBUS	D-	D+	GND

• Serial Port

Default settings :	Baud rate 9600, no parity, 8 data bits, 1 stop bit, XON/XOFF
	protocol and RTS/CTS

RS232 Housing(9-pin t	o 9-pin)		
DB9 Socket			DB9 Plug
-	1	1	+5V, max 500mA
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	N/C
GND	5	5	GND
DSR	6	6	RTS
RTS	7	7	CTS
CTS	8	8	RTS
RI	9	9	N/C
Computer			Printer

#### • Ethernet

PIN NO.	FUNCTION
1	Transmit Plus
2	Transmit Minus
3	Receive Plus
4	Bias of Transmission
5	NC
6	Receive Minus
7	Bias of Receiver
8	N/C

## Notice

\* The total current to the serial port may not exceed 500mA.