

USER MANUAL

G500 SERIES



 User Manual : G500 series

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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 Subpart B 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 55032:2006/A1:2013 Class A, EN61000-3-2:2006, EN55032:2012/AC:2013 Class A, EN61000-3-2:2014, IEC 61000-4-2:2008 series, The equipment also tested and passed in accordance with the European Standard EN55022 for the both Radiated and Conducted emissions limits.

G500 SERIES

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

IEC 62368-1:2014, IEC 60950-1:2005(2nd Edition)+Am 1:2009 Am 2:2013, GB9254-2008 (Class A); GB17625. 1-2012; GB4943.1-2011,EN55032:2012/AC:2013 Class A, EN61000-3-2:2014, EN 61000-3-3:2013 and EN55024:2010, IEC 61000-4-2:2008 series, UL 60950-1, 1st Edition, 2007-10-31, CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07, CFR 47, Part 15 Subpart B

WARNING

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

此为Class A产品·在生活环境中·该产品可能造成无线电干扰·在这种情况下·可能需要用户对其干扰采取切实可行的措施。



SAFETY INSTRUCTIONS Please read the following instructions carefully.

- Keep the equipment away from humidity.
- Before you connect the equipment to the power outlet, please check the voltage of the power source.
- Make sure the printer is off before plugging the power connector into the power jack.
- It is recommended that you connect the printer to a surge protector to prevent possible transient overvoltage damage.
- Be careful not to get liquid on the equipment to avoid electrical shock.
- For safety and warranty reasons, ONLY qualified service personnel should open the equipment.
- Do not repair or adjust energized equipment under any circumstances.



- 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.

1 Barcode Printer

1-1

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

• Barcode Printer

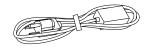


Power Cord

AC Adapter

an

•



• Ribbon Hubs (set of 2)



• Empty Ribbon Core



Label Supply Hub



• Label Guide Plates (set of 2)



Quick Reference Guide



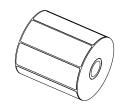
USB Cable



Ribbon



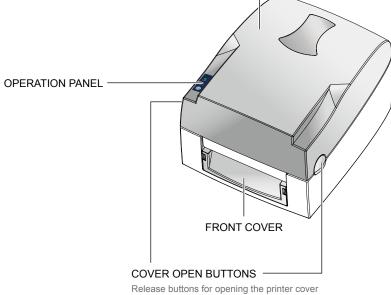
Label Stock



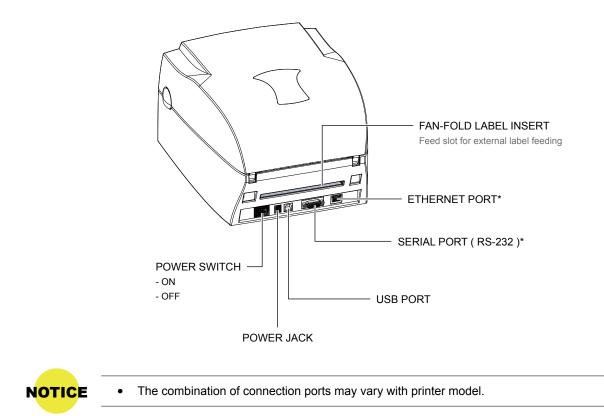
* Package content and Logo style may vary per region.

1 Barcode Printer





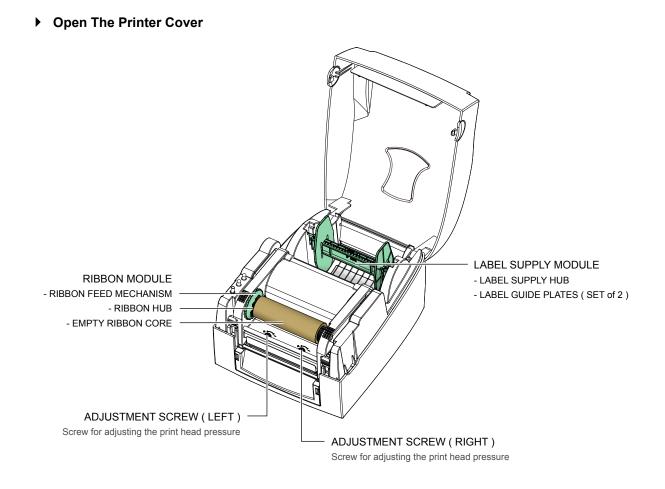
• Rear View



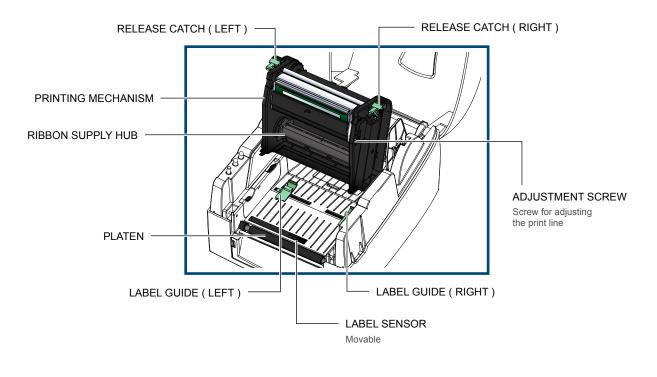
Barcode Printer

1 Barcode Printer

G500 SERIES



Open The Printing Mechanism

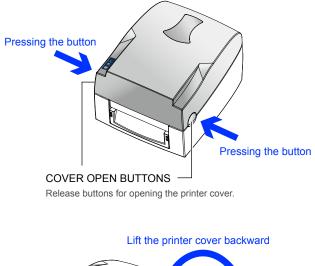


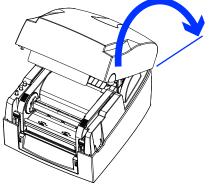
Barcode Printer

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.



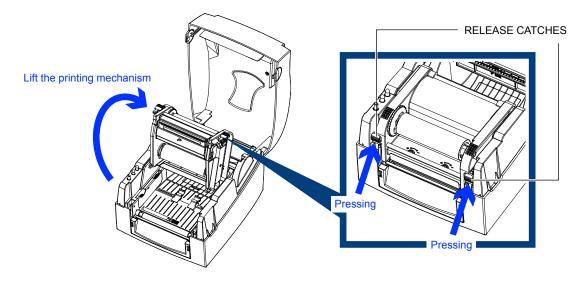


Open The Printing Mechanism

2-2

Pressing The Release Catches

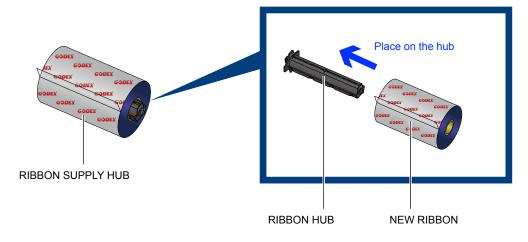
Release and lift the printing mechanism.



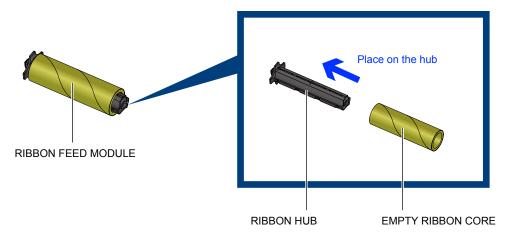
2-3 Loading The Ribbon

• A New Ribbon Module Installation

Place the new ribbon on the hub which forms a ribbon supply hub.



Place the empty ribbon core on the hub which forms a ribbon rewind hub.

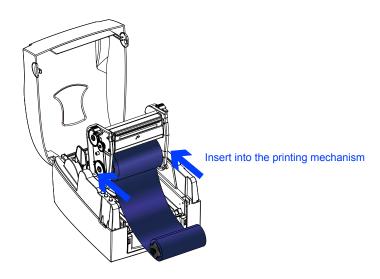


Stick the ribbon supply hub on the ribbon rewind hub and wind the rewind hub 2~3 circles.



Install The Ribbon On The Printer

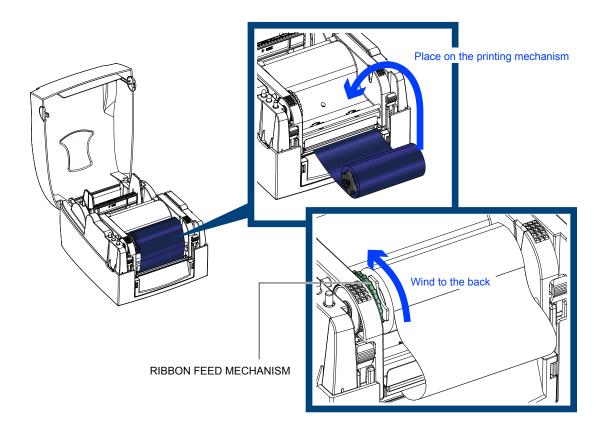
Place the ribbon supply hub at the back of the printing mechanism.



Pass the ribbon supply hub under the print head.

Insert the ribbon rewind hub on the ribbon feed mechanism.

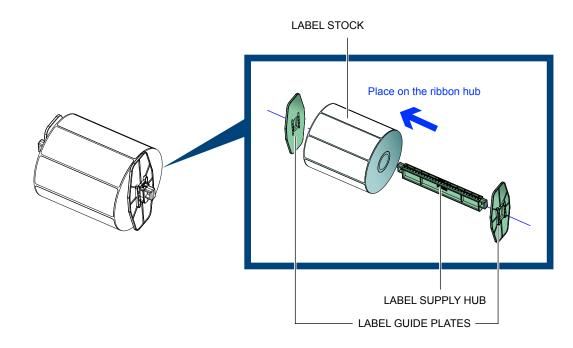
Close the printing mechanism, making sure that it clicks into place.



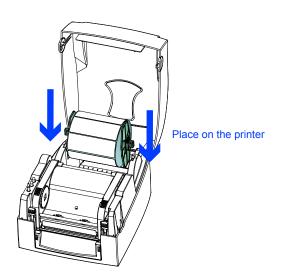
2-4 Loading The Label Roll

• A New Label Roll Module Installation

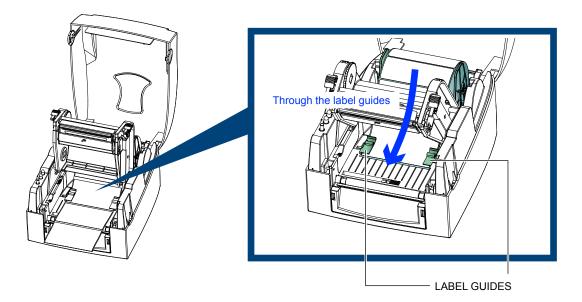
Place the label stock on the label supply hub, attach the guide plates to the label stock holder.



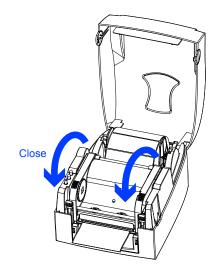
Install The Label Roll Module On The Printer Now load the label stock into the printer.



Release the printing mechanism and lift it. Pass the labels through the label guides up to the tear-off plate. Adjust the label guides to the label width.



Close the printing mechanism.

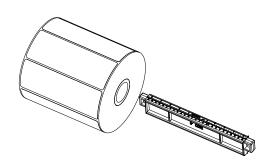


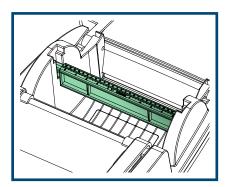
2-5

Installing The Label Supply Hub

• 1" Cores

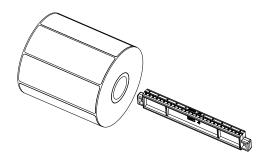
Installing the label supply hub for 1" cores.

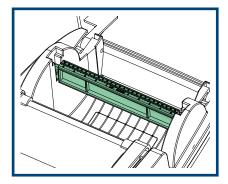




▶ 1.5" Cores

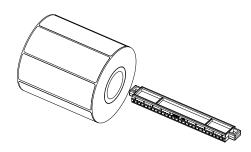
Installing the label supply hub for 1.5" cores.

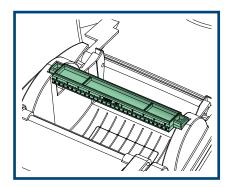




▶ 3" Cores

Installing the label supply hub for 3" cores.

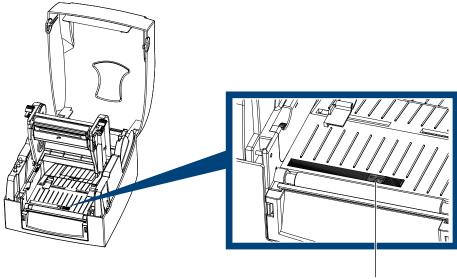




2-6

Preparing For Tag Printing

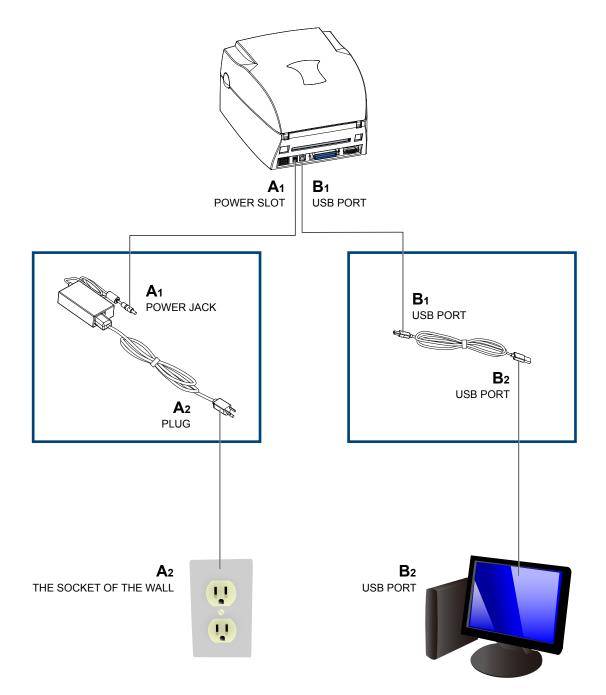
In tag printing, the tag hole indicates the height of a label. During adjustment, the sensor must therefore be positioned directly below the tag hole as shown in the illustration. The tag hole should be at least 3 mm in diameter to ensure correct functioning.



SENSOR POSITION

2-7 Connecting The Printer To The Host Computer

- Please make sure that the printer is switched off.
- Connect the power cord to the AC adapter and connect the adapter to the printer.
- Connect the USB / parallel cable to the printer and host computer.
- Switch on the printer. The LED indicator should now lights up.

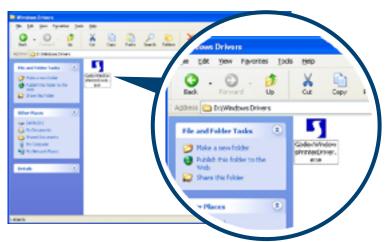


2-8

Installing The Driver

STEP-01 ► Insert the product CD in the CD/DVD drive of the host computer and open the "Seagull-Driver" folder on the CD.

STEP-02 Select the icon for the driver file and click it to start the installation.



STEP-03 ► Follow the instructions on the screen. The Driver Wizard guides you through the installation procedure. **STEP-04** ► Select "Install printer drivers".



STEP-05 > Specify your printer model.

Seegu II Driver Winard	8
Specify Printer Model The ner uf acturer and model determine which printer driver to	um. 🗳
Specify the model of your printer.	
Froter Pladel	
Gode: 0530	
Source: Cliseopul	Drume
Versions	
< pak	test> Canal

STEP-06 > Specify the port used to connect the printer to the host computer.

A part is used to	cannect a printer to the computer.
pecify the port that of lated below, crea	
Pert	Type
COPE: FILE	Seria Port (9600/8743) Local Fort
1.980001	Vetual printile port For USB
U98002 P_2%150.1.7	Vetwalgentum port for USB Strandard TCP(8P Port CERC 101.1.2 (UPR)
	Create Port Configure Port

STEP-07 • Enter a printer name and assign the appropriate rights.

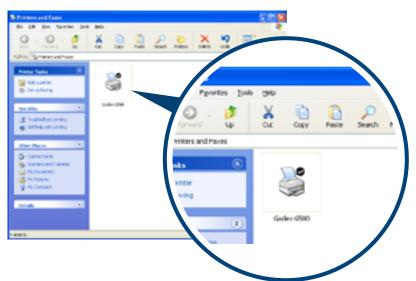
Enter a name for this printer. binter name: Estimates . Use this printer as the default printer Specify whether or not you want to share this printer with other network users. When shared, you must provide a share name. © on gat share the printer © there name: Estim_SSSS	Specify Printer ! Names are up	Name: ed to identify the printer on this computer and on the network.
Use this printor as the globalit printor Specify whether or not you want to share the printer with other network users. When sharing, you must provide a share name. One get dware the printer	Enter a name for t	his printor.
Specify whether or not you want to share this printer with other network users. When sharing, you must provide a share name.	binter names	HTT: MINISTRY
sharing, you must provide a share name.	Use this prints	as the dolault printor
Oghere name: Soder, 5200	sharing, you must	
	Co yet share t	be printer
	Co yet share t	be printer

STEP-08 • Once the installation is complete, a summary of the printer settings is displayed.

STEP-09 ► Check whether the printer settings are correct and click "Finish" to start copying the driver files.
STEP-10 ► Wait until copying is complete, then finish the installation.

Seaguil Driver Wizard			
	Completine Wizard) the Seagull Driver	
	A new printer sells	te installed using the following settings:	
	Name: Share name: Poit: Defeuit: Manufacturer:	USB00:3 No Notice	
	Model: viecor: to begin the deve	linder (200	
	(<gal cano<="" paid="" th=""><th>•</th></gal>	•

STEP-11 ► Once the driver installation is complete, the new printer should appear in the "Printers and Faxes" folder.



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, please run the auto calibration (See Section 3-2. for the label size calibration function) on the label stock.

LED Indicators

	LED inc	dicator	Beeps	Status	Description
•	READY	Green	– x	Standby mode	The printer is ready for operation.
READY	STATUS	Х	- X	Stanuby mode	
	READY	Х	2 x 2 beeps - 2 x 3 beeps Error mode The printer has de	·	The printer has detected an error.
	STATUS	Red	2 x 4 beeps	2	(See Section 3-3. for Error alerts)

Operation Panel

3 Operator Panel

3-2 Label size calibration and Self Test Page

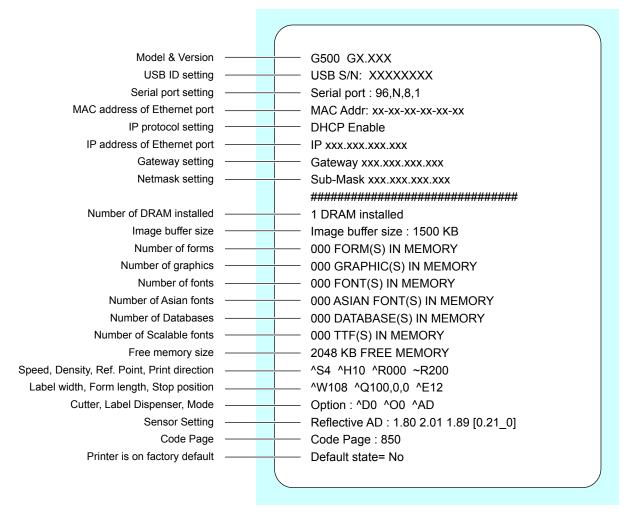
The printer can automatically detect and store label height. That means the host computer does not need to transmit the label height to the printer. And the self-test function lets you check whether the printer is functioning normally. Here is how you run the label size calibration and self test.

STEP-01 → Check that the label stock is loaded correctly.

- STEP-02 ► Switch off the printer.
- STEP-03 Switch the printer on again, keeping the FEED button pressed. When the READY LED starts to flash red and the STATUS LED lights up orange, release the FEED button. The printer will now measure the label stock and store the label height.

STEP-04 > 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.



Operation Panel



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.

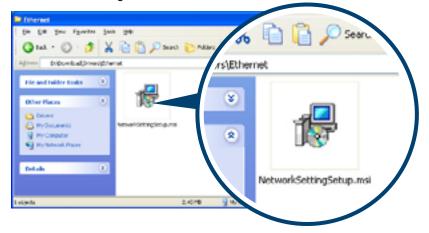
Light onFlashing				
LED in READY	dicator STATUS	Beeps	Description	Solution
	•	2 x 4 beeps	The printing mechanism is not correctly closed.	Open the print mechanism and close it again.
	-	None	High temperature at the print head.	Once the print head has cooled down the printer switches to standby mode.
		2 x 3 beeps	No ribbon is installed and the printer displays an error.	Make sure that the printer is set to direct thermal printing mode.
		The ribbon is finished or the label supply hub is not moving.	Replace the ribbon roll.	
			No paper is detected.	Make sure that the label sensor is positioned correctly. If the sensor still does not detect the paper, run the auto-detection function again.
			Paper is finished.	Replace the label roll.
	2 x 2	2 x 2 beeps	Printer feed problem.	Possible reasons: the print medium has become trapped around the rubber roll; the sensor cannot detect a gap or black mark between the labels; there is no paper. Please rese the sensor.
			The memory is full. The printer prints the message "File System full".	Delete unnecessary data or install additional memory.
	•	2 x 2 beeps	Unable to find file. The printer prints the message "File Name Not found".	Use the "~X4" command to print all files. Then check whether the files exist and whether the names are correct.
			A file of the same name already exists. The printer prints the message "Duplicate Name".	Change the name of the file and try storing it again.

Operation Panel

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.

STEP-01 ▶ Insert the product CD in the CD/DVD drive of the host computer and open the "Ethernet" folder on the CD.
STEP-02 ▶ Select the icon for the NetSetting installation file and click it to start the installation.



STEP-03 ► Follow the instructions on the screen. The Setup Wizard guides you through the installation procedure. **STEP-04** ► Specify the "Installation Folder".

(i) Netlening	
Select Installation Felder	NetSetting
The installer willinstall NetSetting to the following folder.	
To install in this folder, click "Next". To install to a different folder, orter it belt	ov a alak "Brovee":
Eolder C. Trogram Tale/Opter/FerEnting/	hum
per region ran construction and	Bjowse
l l	Diek Cort
Install NetSetting for yourself, or for anyone who uses this computer:	
O Everyone	
 Just ge 	
Carcel	Net

STEP-05 → Click "Next" to start the installation.

STEP-06 • 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.

		(Largest		
Search Soder Nativork Printer				
🖷 💻 🌢	👱 🗐 I	C 9		
Please Select The Phinter You	Want To Connect		8	
Alas Name	Serial No.	Mac Address	IP Address	
to 🌠 Friday				
Godex	006909	10-10-5A-10-1E-4F	812 108 101 151	
ClasStung		48 58-30 F2 74 C4	912 168 161 33	
Medellaneous Information				
8007.18894 FWE: 6300.1988a AJ 25.2 PCB 246080	111 40-12 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.

Netwing P Setting	B B Legept +
A 💷 💩 🖉 🖉 🖉	
Printer Name: Length(1-10) Port.No: 2000	
Preseringet Preserved (Digit Allowed Only) OK Cancel	
P Address: 1	
Subret Mask	
te Role	

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.



• 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 +
/ 🛋 💻	%	9		
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	Ι		
Subnet Mask:	255 . 255 . 255 . 0	I		
Set		ReGet		

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



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.

	Language -							
/ 📾 📧 🍐 👱 💈	80 🔝 !	9						
SMTP Notification Enable								
Login Account: Login Password: Server IP Address: Mail Subject: Mail From Address: Mail To Address: Duration Cycle: Event Counter:	***** 0 . 1 . 66 . 97 roode printer message fault@default.com fault@default.com 0 0 ~ 1	68 Hours	Length(1~64) Length(1~16) xxxxxxxxxxxxxxx Length(1~60) Length(1~32) Length(1~32)					
SNMP Notification Enable								
SNMP Community: SNMP Trap Community: Trap IP Address:	Mie	C Length(Length(I XXX.XXX.	1~16)					
Set		ReGel						

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.

	Language -			
	۵⁄ 🖌	<u>9</u>	S 5	
	SMTP	SNMP	Description	
	2	2	Paper Out	
	2	×	Missing Gap	
	×.	×	Ribbon Out	
	R	×.	Door Open	
	12 I	2	Rewinder Full	
	2	×	Memory Full	
	2	2	Name Not Found	
	12	2	Name Duplicate	
	×	×	Syntax Unknown	
	×	×	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.

				Configuration		Language -
	<u> </u>	⁄۹	*	<u>a</u> 4		
Printer Setup						
Printer Model	Resolution	n Speed	Darkness	Stripper/Appl	cator Labels per	Cut Printing Mode
G500 ·	203 •	4 •	10 -	0 (None)	• 0	C Thermal Transf •
R	C Com Port S	lettings	Miscella	neous		
	Baud F	Rate	LC	CD Language	Sensing Mod	•
	9600	•			-	•
	Parity	/	Keybo	oard Language	Smart Backfe	ed
	None	•		*	OFF	•
	Data B	its	(Code Page	Top Of Form	n
	8	•		Page 850 .		•
	Stop 8	Bits		Buzzer		
	1	-	ON			
		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 Command	
Output Message	

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	Language •
	u 🖉 🔔	Firmware Download	
		Firmware Upgrade	
	Firmware Current Version: Please Select Firmware File:	BOOT :1.000a1 F/W : 6500 1.000a	Browse
	[Start Download Firmware	
(Recover To Factory Settings		

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

5 Accessories

Preparation Steps

Before installing the optional modules, please make some preparations as follows.

STEP-01 Turn Off The Printer :

Remember to switch off the printer before installing any module.

STEP-02 Open The Printer Cover :

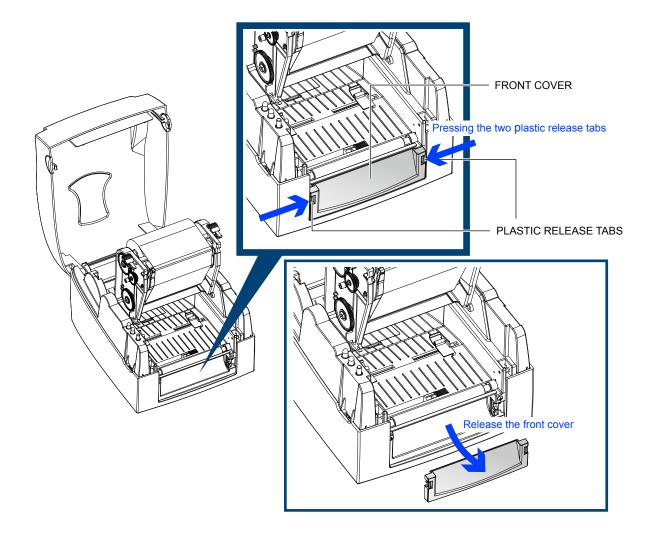
Open the printer cover by pressing the release buttons on both sides of the printer housing. Please see the Section 2-1 for further information about Open The Printer Cover.

STEP-03 Open The Printing Mechanism :

Press the release catches on both sides of the printing mechanism to open and lift the printing mechanism. Please see the Section 2-2 for further information about Open The Printing Mechanism.

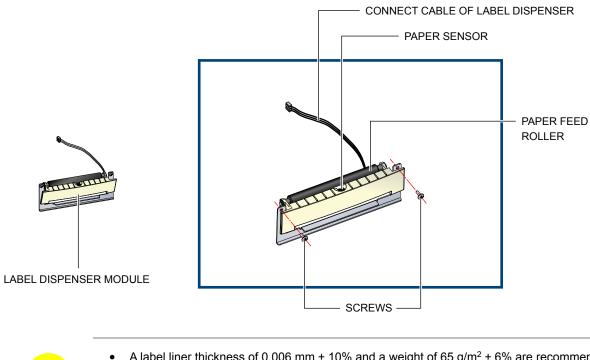
STEP-04 Remove The Front Cover :

To remove the front cover, press in the two plastic release tabs. Remove the front cover as shown in the illustration.



5-1 Installing The Label Dispenser

> The Overview Of The Label Dispenser



- A label liner thickness of 0.006 mm \pm 10% and a weight of 65 g/m² \pm 6% are recommended.
- The label dispenser will take labels up to a max. width of 110 mm. •

When using the label dispenser, set the stop position to 9 mm. ٠

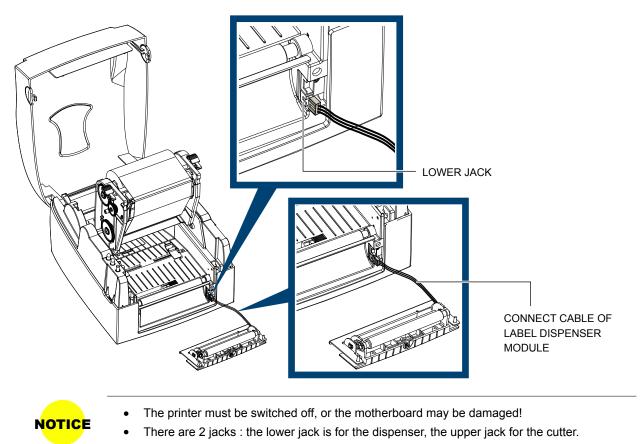
Preparation Steps

NOTICE

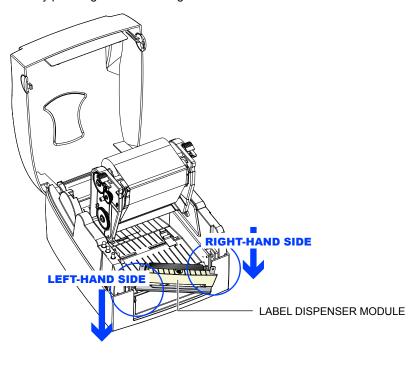
Please complete the preparation steps before installing the label dispenser.

Installing The Label Dispenser

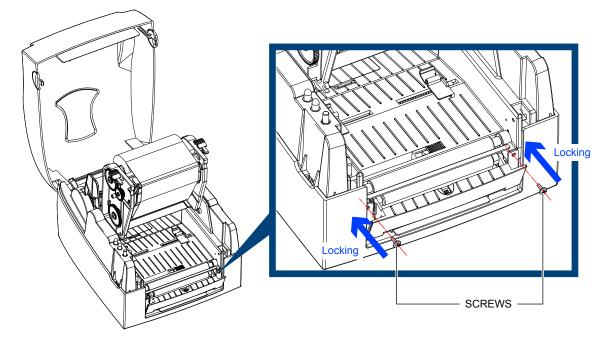
Connect the dispenser cable to the lower jack as shown in the illustration on the right.



Install the dispenser by pressing down first its right-hand side and then its left-hand side.

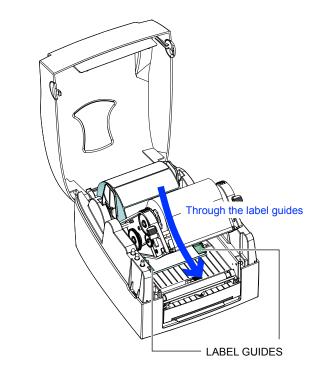


Secure the dispenser using the screws provided for this purpose.



Install The Label Roll Module On The Printer

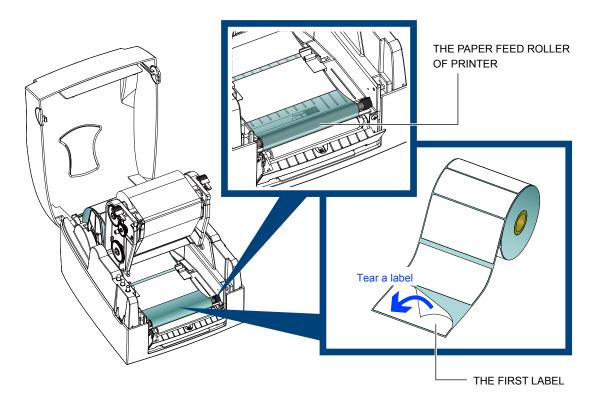
Pass the paper through the guides.



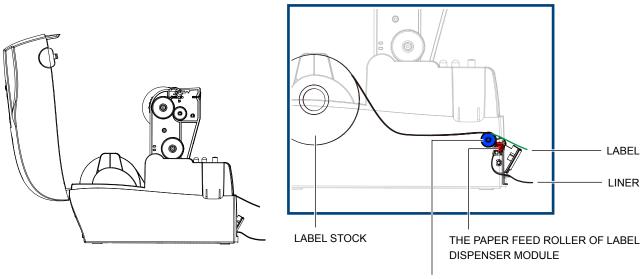


• Labels should be at least 25 mm high.

Remove the first labels from the liner, so you can pull the liner through the guides.

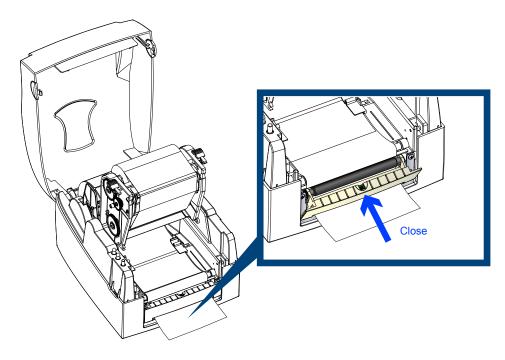


Pass the label stock through the printer as shown in the illustration on the right.



THE PAPER FEED ROLLER OF PRINTER

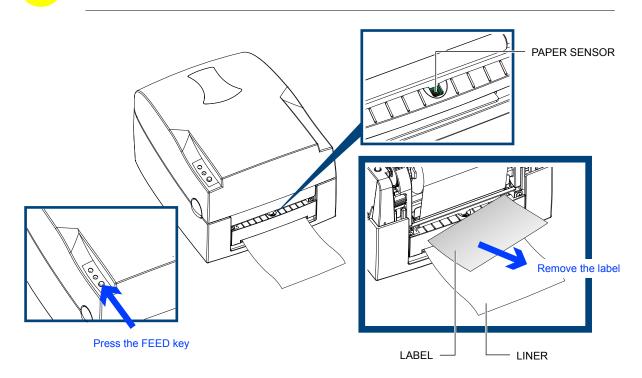
Close the label dispenser and the print mechanism. The installation is completed now.



Press the FEED button to feed the label. The label will be peeled from the liner while it passes through the label dispenser.



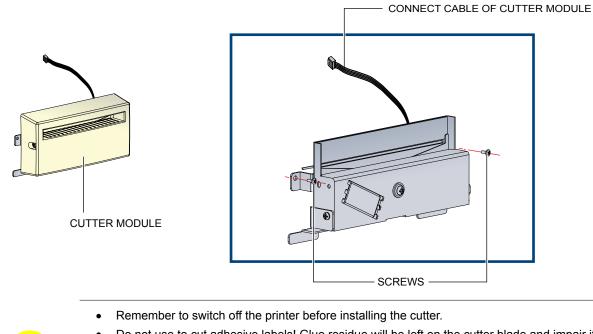
There is a paper sensor on the Label Dispenser module. It will stop the printing if it is covered by label. Remove the last printed label and the printer will then continue to print next label.



5-2 Installing The Cutter

NOTICE

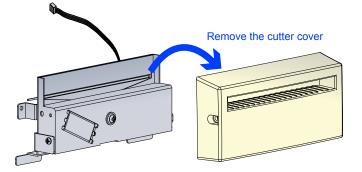
• The Overview Of The Cutter



- Do not use to cut adhesive labels! Glue residue will be left on the cutter blade and impair its functioning. The cutter has a blade life of 400,000 cuts when using paper liner which is 250µm thick and 3 inches wide.
- You can cut paper with a max. width of 116 mm.

SUGGESTION • With the cutter installed, set the stop position in QLabel to 28, or the E value to 28.

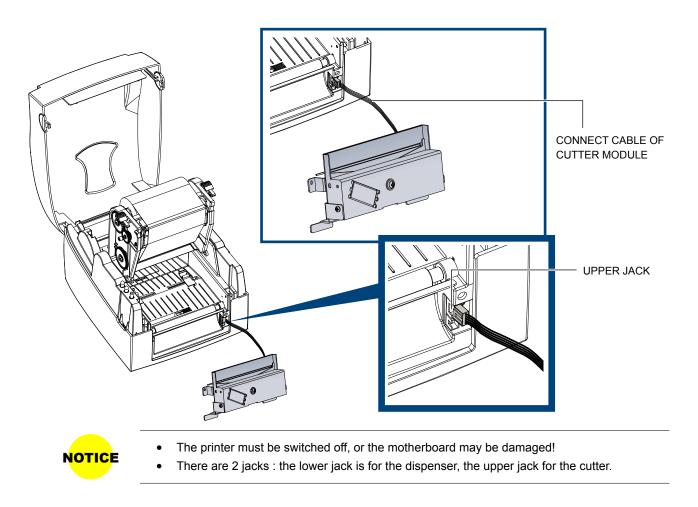
Before installing the cutter module, remove the cutter cover as shown in the illustration.



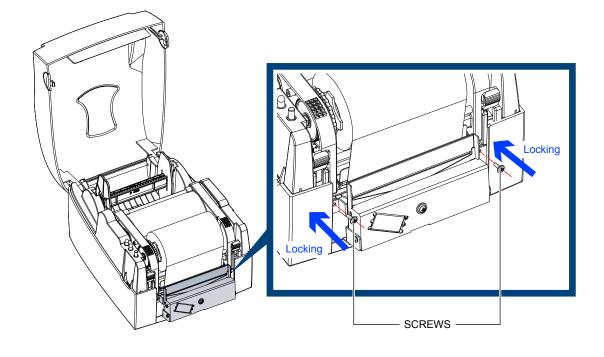
Preparation Steps

Please complete the preparation steps before installing the label dispenser.

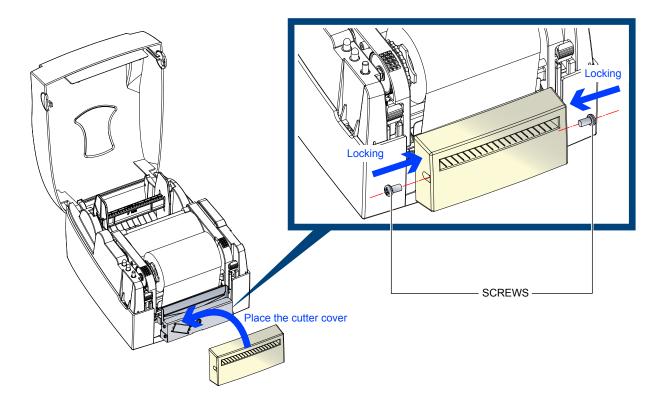




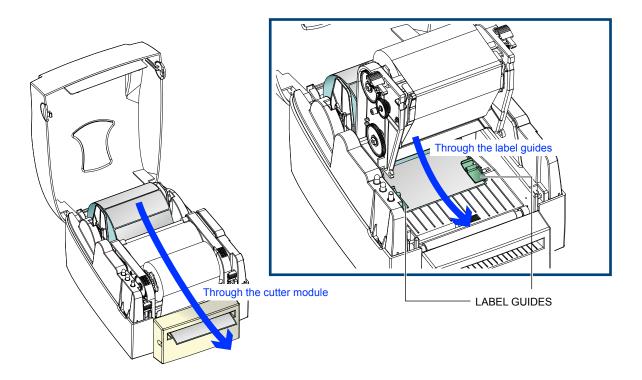
Secure the cutter using the screws provided for this purpose.



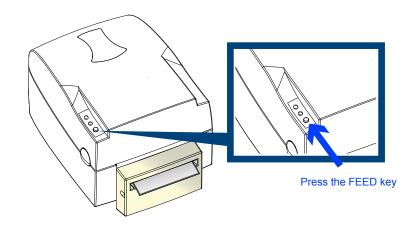
Secure the cutter cover using the screws provided for this purpose.



Pass the labels through the guides. Close the printing mechanism.



To finish, press the FEED button to set the label position.





• We advise against using inside wound label stock.

6 Maintenance And Adjustment

6-1

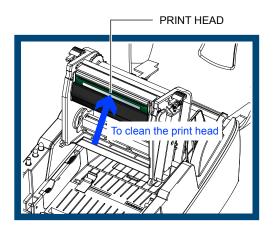
Cleaning The Print Head

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.
- To remove any label residue or other dirt from the print head (see blue arrow), please use a soft lint-free cloth dipped in alcohol.





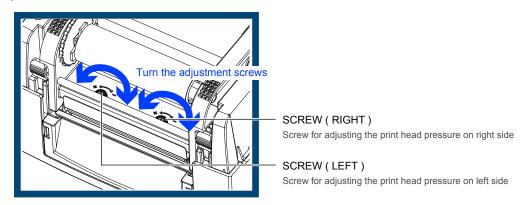
- The print head should be cleaned once a week.
- Please make sure that there are no metal fragments or other hard particles on the soft cloth used to clean the print head.

6-2 Adjusting The Print Head Pressure

When printing on special media (with varying material thickness), the print quality may suffer. You will then need to adjust the print head pressure.

Adjustment Steps

- 1. Open the printer cover.
- 2. Remove the ribbon.
- Use a screw driver and slowly turn the adjustment screws for the print head to increase or reduce the print head pressure.



Maintenance and Adjustment

6 Maintenance And Adjustment

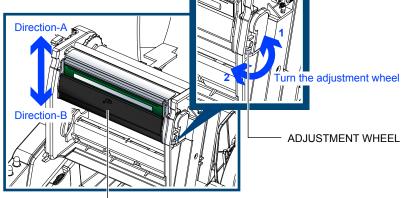
6-3

Adjusting The Print Line

When the print line is incorrectly set, the print quality on one side of the medium may suffer. In such a case, the print line must be adjusted so it is positioned parallel to the paper feed roller.

Adjustment Methods

- To move the print head in direction A as indicated by the blue arrow, turn the adjustment wheel anticlockwise (see arrow 1).
- To move the print head in direction B as indicated by the blue arrow, turn the adjustment wheel clockwise (see arrow 2).



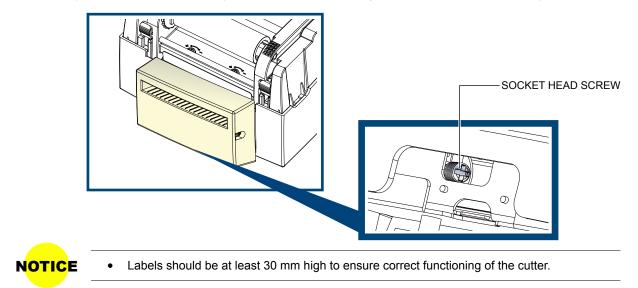
PRINT HEAD

4 Adjusting The Cutter

While using the cutter, paper jams may occur. Please follow the below steps to clean the paper jam. A socket head screw for adjusting the cutter is located on the bottom of cutter module, as shown in below illustration.

Cleaning Steps

- 1. Switch off the printer.
- 2. Use a Philips screwdriver to turn the socket head screw and release the knife.
- 3. When you have cleared the paper jam, switch on the printer again. The cutter will automatically reset.



Maintenance and Adjustment

Troubleshooting

6-5

Problem	Solution
The printer is switched on but the display does not light up.	Check the power supply.
One or both LEDs light up red and printing is interrupted.	 Check the software settings (driver settings) or command codes. Look for the error alert in the table in Section3-3 Error alerts . Check whether the cutter is functioning normally and whether it is cutting at all. (Only if a cutter is installed.)
The label stock passes through the printer but no image is printed.	 Please make sure that the label stock is loaded the right way up and that it is suitable material. Please make sure that the ribbon is loaded correctly.
The label stock jams during printing.	 Clear the paper jam. Remove any label material left on the thermal prin head and clean the print head using a soft lint-free cloth dipped in alcohol.
There is no printed image on part of the label or the image is blurred.	 Check the thermal print head for dust or other dirt (label material or ribbon residue). Check for errors in the application software. Check the ribbon for wrinkles. Check the power supply. Run a self test (Section 3-2) and check the test print pattern to see whether the print head prints over the entire width of the medium. Check the quality of the print medium.
The printed image is positioned incorrectly or a label is missed out during printing.	 Run the Label size calibration function. (Section 3-2) Check the label height setting. Check whether there is paper or dust covering the sensor. Check the paper guide settings.
The cutter does not cut off the labels in a straight line.	Check whether the label stock is positioned straight.
The cutter does not cut off the labels completely.	Check whether the label is more than 0.2 mm thick.
When using the cutter, the labels are not fed through or cut off incorrectly.	 Check whether the cutter has been correctly installed. Check whether the paper guides are functioning correctly.
The label dispenser is not functioning normally.	 Check whether there is dust on the label dispenser. Check whether the label stock is positioned correctly.



• If any problems occur that are not described here, please contact your dealer.

Maintenance and Adjustment



Product Specifications

	Model	G500-U G500 G500-US G5				
P	rint Method	Thermal Transfer/Direct Thermal				
	Resolution	203 dpi (8 dot/mm) 300 dpi (1	2 dots/mm)			
	Print Speed	5 IPS (127 mm/s) 4 IPS (102	mm/s)			
	Print Width	4.25" (108 mm) 4.16" (105	.7 mm)			
	Print Length		, ' (4 mm)**; Max. 30'' (762 mm			
	Processor	32 bit RISC CPU				
	Flash	8 MB Flash (4 MB for user storage)				
Memory	SDRAM	16 MB				
	JDRAM					
9	Sensor Type	Adjustable reflective sensor				
		2 fixed transmissive sensors, central aligned				
	Types	Continuous form, gap labels, black mark sensing, and punched hole; label length s	et by auto sensing or			
		programming				
Media	Width	1" (25.4 mm) Min 4.64" (118 mm) Max.				
	Thickness	0.003" (0.06 mm) Min 0.01" (0.25 mm) Max.				
	Label Roll Diameter	Max. 5" (127 mm)				
	Core Diameter	1" (25.4 mm), 1.5" (38.1 mm), 3" (76.2 mm)				
	Types	Wax, wax / resin, resin				
	Length	981' (300 m)				
Ribbon	Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)				
	Ribbon Roll Diameter	2.67" (68 mm)				
	Core Diameter	1" (25.4 mm)				
Prir	nter Language	EZPL, GEPL, GZPL, GDPL auto switch				
	Label Design Software	GoLabel (for EZPL only)				
		Vista, Windows 7, Windows 8 & 8.1, Windows 10, Windows Server 2008 R2, 2012	2012 R2 2016 2019 MAC			
Software	Driver	, visia, visia, visia vi	, 2012 K2, 2010, 2017, MAC			
	SDK	Win CE, .NET, Windows Vista, Windows 7, Windows 8 & 8.1, Windows 10, Androi	d, Mac, iOS			
		6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A&B				
	Bitmap Fonts	Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable				
Resident Fonts	•	Bitmap fonts 8 times expandable in horizontal and vertical directions				
	Scalable Fonts	90°, 180°, 270° rotatable				
	Bitmap Fonts	90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable				
Download Fonts	Asian Fonts	90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical direction				
Download Forms	Scalable Fonts	90°, 180°, 270° rotatable did 8 nimes expandable in nonzonidi dida venical directions				
Barcodes	1-D Bar Codes	China Postal Code, Codabar, Code 11, Code 32,Code 39, Code 93, Code 12 EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 Do , Interleaved 2-of-5 (1 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT- Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard , UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart and Random	ItaBar, HIBC, Indústrial 2 of 128, ITF 14, Japanese 2 of 5, Telepen, Matrix 2 o			
	2-D Bar Codes	Aztec code, Code 49,Codablock F , Datamatrix code, MaxiCode, Micro PDF4 ,QR code, TLC 39, GS1 Composite	17, Micro QR code, PDF4			
		Codepage 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, 737				
c	Code Pages	Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257				
		Unicode (UTF8, UTF16)				
	Graphics	Resident graphic file types are BMP and PCX, other graphic formats are downloaded	able from the software			
	Interfaces	USB Device Serial Port Parallel Port Serial Port Ethernet Parallel	Serial Port			
~	Control Banol	Two bi-color status-LEDs: Ready, Status				
U	Control Panel	Control key: FEED				
	Power	Auto Switching 100-240VAC, 50-60Hz				
	Operation Temperature	41°F to 104°F (5°C to 40°C)				
Environment	Storage Temperature	-4°F to 122°F (-20°C to 50°C)				
	Operation	30-85%, non-condensing				
Humidity	Storage	10-90%, non-condensing				
	soluge	<u> </u>				
Age	ency Approvals	CE (EMC), FCC Class A, CB, CCC , cUL , KCC , BIS , EAC				
		(The safety certification marks may be different depending on sales regions.)				
	Length	11.2" (285 mm)				
Dimension	Height	6.8" (171 mm)				
	Width	8.9" (226 mm)				
	Weight	6 lbs (2.72 Kg), excluding consumables				
Optio	ns & Accessories	Cutter module Label Dispenser External label roll holder for 10" (250 mm) O.D. label rolls				

* 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 and maximum print speed 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 print height and maximum print speed capability.

*** The cutter is an optional accessory. If the cutter is installed, it is not suitable for children to approach.



Product Specifications

	Model		G525			G535	
Print Method		Thermal Transfer/	Direct Thermal		•		
	Resolution	203 dpi (8 dot/mi	m)		300 dpi (12 dots/	(mm)	
I	Print Speed	5 IPS (127 mm/s)			4 IPS (102 mm/s)		
	Print Width	4.25" (108 mm)			4.16" (105.7 mm)		
I	Print Length	Min. 0.16" (4 mm))** ; Max. 78.74'' (2	000 mm)	Min. 0.16" (4 mm	n)**; Max. 78.74'' (2	000 mm)
	Processor	32 bit RISC CPU	· · · ·		· ·	· · ·	
	Flash	8 MB Flash (4 MB	for user storage)				
Memory	SDRAM	16 MB					
	_	Adjustable reflective sensor					
5	Sensor Type	2 fixed transmissiv	e sensors, central	aligned			
	_	Continuous form,	gap labels, black	mark sensing, and	ounched hole; lab	el length set by au	ito sensing or
	Types	programming	•	-		<i>.</i>	
	Width	1" (25.4 mm) Min 4.64" (118 mm) Max.					
Media	Thickness	0.0024" (0.06 mm) Min 0.01" (0.25	mm) Max.			
	Label Roll Diameter	Max. 5" (127 mm)	,			
	Core Diameter		, " (38.1 mm), 3" (76	.2 mm)			
	Types	Wax, wax / resin,		/			
	Length	360' (110 m)					
Ribbon	Width		n) – Max. 4.33" (11	0 mm)			
	Ribbon Roll Diameter	1.57" (40 mm)	iy indukt hoo (iii	5 mm,			
	Core Digmeter	0.5" (12.7 mm)					
Prin	iter Language		L, GDPL auto swit	ch			
	Label Design Software	GoLabel (for EZPI					
	¥			1, Windows 10, Wi	ndows Server 2005	3 R2 2012 2012 P	2 2016 2019 14
	Driver	, Linux	, 1111001130000.	1, 111100103 10, 111		5 KZ, 2012, 2012 K	2, 2010, 2017, 14
Software	SDK		ndows Vista Win	dows 7, Windows 8	& 8.1. Windows 1	0. Android Mac	iOS
						, , , , , , , , , , , , , , , , , , ,	100
			, 24, 30, 16x26 and		000 1000 0700+	a da la la	
Resident Fonts	Bitmap Fonts			le, single character		alable	
				horizontal and ver	ical airections		
	Scalable Fonts	90°, 180°, 270° rot	atable				
		90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable					
	Bitmap Fonts		0				
Download Fonts	Bitmap Fonts Asian Fonts Scalable Fonts	90°, 180°, 270° rot 90°, 180°, 270° rot	atable and 8 time atable	es expandable in ho	rizontal and vertico		et A. B. C.). FAN-8
Download Fonts Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (* Aztec code, Coo	atable and 8 time atable de, Codabar, Cc 5 digits extensior f-5 (I 2 of 5), Inte s, MSI, Postnet, PI with 2 or 5 digit e: de 49,Codablock	s expandable in ho ode 11, Code 32,C n), EAN 128, FIM, G rleaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA < F , Datamatrix co	rizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and	Code 128 (subse e, GS1 DataBar, H Bars, ISBT-128, ITF Standard 2 of 5, T Random Weight	IBC, Indústrial 2 14, Japanese Telepen, Matrix 2
Barcodes	Asian Fonts Scalable Fonts	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (n Aztec code, Co , QR code, TLC 3 Codepage 437, 8	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit e: de 49,Codablock 9, GS1 Composite	s expandable in ho ode 11, Code 32,C 1), EAN 128, FIM, C Ideaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA < F , Datamatrix co 857, 860, 861, 862, 8	rizontal and vertice ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, 1 N-128 K-Mart and de, MaxiCode, M	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr	IBC, Industrial 2 14, Japanese elepen, Matrix 2
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (n Aztec code, Co , QR code, TLC 3 Codepage 437, 8	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit e: de 49,Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12	s expandable in ho ode 11, Code 32,C 1), EAN 128, FIM, C Ideaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA < F , Datamatrix co 857, 860, 861, 862, 8	rizontal and vertice ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, 1 N-128 K-Mart and de, MaxiCode, M	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr	IBC, Industrial 2 14, Japanese elepen, Matrix 2
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (N Aztec code, Co , QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl- with 2 or 5 digit e: de 49,Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 IF16)	s expandable in ho ode 11, Code 32,C 1), EAN 128, FIM, C Ideaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA < F , Datamatrix co 857, 860, 861, 862, 8	rizontal and vertice ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7	Code 128 (subse , GS1 DataBar, H Bars, ISBT-128, ITF Standard 2 of 5, T Random Weight licro PDF417, Micr 37	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 ro QR code, PDf
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (N Aztec code, Co , QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl- with 2 or 5 digit e: de 49,Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 IF16)	s expandable in ho ode 11, Code 32,C 1), EAN 128, FIM, G rleaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA < F , Datamatrix co 857, 860, 861, 862, 8 54, 1255, 1257	rizontal and vertice ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7	Code 128 (subse , GS1 DataBar, H Bars, ISBT-128, ITF Standard 2 of 5, T Random Weight licro PDF417, Micr 37	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 ro QR code, PDf
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & , Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (v Aztec code, Co- ,QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U' Resident graphic • USB 2.0 • Parallel port	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl. with 2 or 5 digit e: de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 FT6) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet	s expandable in ho de 11, Code 32, C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & ktension), UCC/EA ktension), UCC/EA ktension), UCC/EA state of the state of the state state of the state of the state state of the state of the state and PCX, other gradient of the state of the state uSB 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45) • Parallel port	nizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 to QR code, PDF • USB 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T: Ethernet port (RJ-45)
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (v Aztec code, Co- ,QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U' Resident graphic • USB 2.0 • Parallel port	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl- with 2 or 5 digit e: de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 F16) • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet	s expandable in ho de 11, Code 32,C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA xtension), UCC/EA xtension, UCC/EA x	nizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 to QR code, PDF • USB 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T: Ethernet port (RJ-45)
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (v Aztec code, Co- ,QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U' Resident graphic • USB 2.0 • Parallel port	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl- with 2 or 5 digit ex de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 F16) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet	s expandable in ho de 11, Code 32,C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA xtension), UCC/EA xtension, UCC/EA x	nizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 to QR code, PDI o QR code, PDI uSB 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethernet port (RJ-45)
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces iontrol Panel Power Operation Temperature	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (n Aztec code, Co- ,QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U Resident graphic • USB 2.0 • Parallel port	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (I 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit ex de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 File types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet us-LEDs: Ready, Sto 00-240VAC, 50-60h	s expandable in ho de 11, Code 32,C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA xtension), UCC/EA xtension, UCC/EA x	nizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 o QR code, PDI o QR code, PDI usb 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethemet port (RJ-45)
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces Interfaces Control Panel Power Operation Temperature Storage Temperature	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (n Aztec code, Co- ,QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U Resident graphic • USB 2.0 • Parallel port	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (I 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit ex- de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12: FI16) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet us-LEDs: Ready, Sto 00-240VAC, 50-60h 2 to 40°C) C to 50°C)	s expandable in ho de 11, Code 32,C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA xtension), UCC/EA xtension, UCC/EA x	nizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 o QR code, PDI o QR code, PDI usb 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethemet port (RJ-45)
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces Interfaces Power Operation Temperature Storage Temperature Operation	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (n Aztec code, Co , QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U Resident graphic • USB 2.0 • Parallel port	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (I 2 of 5), Inte- s, MSI, Postnet, PI- with 2 or 5 digit ex- de 49, Codabloch 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12: FI-6) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet us-LEDs: Ready, Sto 20-240VAC, 50-60H 2 to 40°C) C to 50°C) densing	s expandable in ho de 11, Code 32,C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA xtension), UCC/EA xtension, UCC/EA x	nizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 o QR code, PDI o QR code, PDI usb 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethemet port (RJ-45)
Barcodes C C Environment	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces Interfaces Operation Temperature Storage Temperature	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-0 Postnet, Logmar , UPC-A/UPC-E (r Aztec code, Co- , QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U' Resident graphic • USB 2.0 • Parallel port	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit e: de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 F16) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet USS-LEDs: Ready, Sto 00-240VAC, 50-60h to 40°C) C to 50°C) densing densing	s expandable in ho de 11, Code 32,C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA xtension), UCC/EA xtension, UCC/EA x	nizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 o QR code, PDI o QR code, PDI usb 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethemet port (RJ-45)
Barcodes C C Environment Humidity	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces Interfaces Power Operation Temperature Storage Temperature Operation	90°, 180°, 270° rot 90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmor , UPC-A/UPC-E (Aztec code, Co- , QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U' Resident graphic USB 2.0 • Parallel port	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit e: de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 FF16) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet us-LEDs: Ready, Sta 00-240VAC, 50-60H 2 to 40°C) C to 50°C) densing class A, CB, UL	s expandable in ho de 11, Code 32, C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & ktension), UCC/EA ktension), UCC/EA server, Planet 11 & stepsion, UCC/EA server, Planet 11 & server, Planet 12 &	rizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, 1 N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c • USB 2.0 • Parallel port	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 o QR code, PDI o QR code, PDI usb 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethemet port (RJ-45)
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces Interfaces	90°, 180°, 270° rot 90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-0 Postnet, Logmar , UPC-A/UPC-E (Aztec code, Co- , QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U' Resident graphic • USB 2.0 • Parallel port • Parallel port Two bi-color statt Control key: FEEE Auto Switching 11 41°F to 104°F (5°C -4°F to 122°F (-20° 30-85%, non-cond 10-90%, non-cond CE(EMC) , FCC C	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit e: de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 FF16) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet us-LEDs: Ready, Sta 00-240VAC, 50-60H 2 to 40°C) C to 50°C) densing class A, CB, UL	s expandable in ho de 11, Code 32,C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA xtension), UCC/EA xtension, UCC/EA x	rizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, 1 N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c • USB 2.0 • Parallel port	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 o QR code, PDI o QR code, PDI usb 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethemet port (RJ-45)
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces Interfaces Control Panel Power Operation Temperature Storage Temperature Storage ncy Approvals Length	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (v Aztec code, Co- ,QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U' Resident graphic • USB 2.0 • Parallel port Iwo bi-color statu Control key: FEED Auto Switching 11 41°F to 104°F (5°C -4°F to 122°F (-20° 30-85%, non-control 10-90%, non-control CE(EMC) , FCC C (The safety certificat 11.2" (285 mm)	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit e: de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 FF16) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet us-LEDs: Ready, Sta 00-240VAC, 50-60H 2 to 40°C) C to 50°C) densing class A, CB, UL	s expandable in ho de 11, Code 32, C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & ktension), UCC/EA ktension), UCC/EA server, Planet 11 & stepsion, UCC/EA server, Planet 11 & server, Planet 12 &	rizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, 1 N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c • USB 2.0 • Parallel port	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 o QR code, PDI o QR code, PDI usb 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethemet port (RJ-45)
Barcodes	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces Interfaces Operation Temperature Storage Temperature Operation Storage ncy Approvals Length Height	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (v Aztec code, Co- ,QR code, TLC 3' Codepage 437, 8 Windows 1250, 12 Unicode (UTF8, U' Resident graphic • USB 2.0 • Parallel port Iwo bi-color statu Control key: FEED Auto Switching 11 41°F to 104°F (5°C -4°F to 122°F (-20° 30-85%, non-cond 10-90%, non-cond CE(EMC) , FCC C (The safety certificat 11.2" (285 mm) 6.8" (171 mm)	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit e: de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 FF16) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet us-LEDs: Ready, Sta 00-240VAC, 50-60H 2 to 40°C) C to 50°C) densing class A, CB, UL	s expandable in ho de 11, Code 32, C h), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & ktension), UCC/EA ktension), UCC/EA server, Planet 11 & stepsion, UCC/EA server, Planet 11 & server, Planet 12 &	rizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, 1 N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c • USB 2.0 • Parallel port	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 to QR code, PDI o QR code, PDI uSB 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethernet port (RJ-45)
Barcodes C C Environment Humidity Age	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces Interfaces Operation Temperature Storage Temperature Operation Storage ncy Approvals Length Height Width	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (v Aztec code, Co- ,QR code, TLC 3' Codepage 437, § Windows 1250, 12 Unicode (UTF8, U' Resident graphic • USB 2.0 • Parallel port Iwo bi-color statu Control key: FEED Auto Switching 10 41°F to 104°F (5°C -4°F to 122°F (-20° 30-85%, non-cond CE(EMC) ,FCC C (The safety certificat 11.2" (285 mm) 6.8" (171 mm) 8.9" (226 mm)	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl- with 2 or 5 digit e: de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 TF16) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet US-LEDs: Ready, Stc 00-240VAC, 50-60F 2 to 40°C) C to 50°C) densing class A, CB, UL ion marks may be diff	s expandable in ha de 11, Code 32,C n), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA xtension), UCC/EA xtension,	rizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, 1 N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c • USB 2.0 • Parallel port	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 to QR code, PDI o QR code, PDI uSB 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T Ethernet port (RJ-45)
Barcodes C C Environment Humidity Age	Asian Fonts Scalable Fonts 1-D Bar Codes 2-D Bar Codes Code Pages Graphics Interfaces Interfaces Operation Temperature Storage Temperature Operation Storage ncy Approvals Length Height	90°, 180°, 270° rot 90°, 180°, 270° rot China Postal Co EAN-13 (with 2 & Interleaved 2-o Postnet, Logmar , UPC-A/UPC-E (v Aztec code, Co- ,QR code, TLC 3' Codepage 437, § Windows 1250, 12 Unicode (UTF8, U' Resident graphic • USB 2.0 • Parallel port Iwo bi-color statu Control key: FEED Auto Switching 10 41°F to 104°F (5°C -4°F to 122°F (-20° 30-85%, non-cond CE(EMC) ,FCC C (The safety certificat 11.2" (285 mm) 6.8" (171 mm) 8.9" (226 mm)	atable and 8 time atable de, Codabar, Cc 5 digits extension f-5 (1 2 of 5), Inte s, MSI, Postnet, Pl with 2 or 5 digit e: de 49, Codablock 9, GS1 Composite 350, 851, 852, 855, 251, 1252, 1253, 12 FF16) file types are BMP • USB 2.0 • Serial port: RS-232 (DB-9) • Ethernet us-LEDs: Ready, Sta 00-240VAC, 50-60H 2 to 40°C) C to 50°C) densing class A, CB, UL	s expandable in ha de 11, Code 32,C n), EAN 128, FIM, G leaved 2-of-5 with essey, Planet 11 & xtension), UCC/EA xtension), UCC/EA xtension,	rizontal and vertica ode 39, Code 93, erman Post Code Shipping Bearer 13 digit, RPS 128, 1 N-128 K-Mart and de, MaxiCode, M 63, 865, 866, 869, 7 phic formats are c • USB 2.0 • Parallel port	Code 128 (subse , GS1 DataBar, H Bars, ISB-128, IF Standard 2 of 5, T Random Weight licro PDF417, Micr 37 downloadable from • USB 2.0 • Serial port: RS-232 (DB-9)	IBC, Indústrial 2 14, Japanese elepen, Matrix 2 to QR code, PDF • USB 2.0 • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-T: Ethernet port (RJ-45)

* 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 and maximum print speed 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 print height and maximum print speed capability.

*** The cutter is an optional accessory. If the cutter is installed, it is not suitable for children to approach.



Pinout description

Parallel Port

Handshaking: DSTB is sent to the printer, BUSY to the host computer. Interface Cable: Parallel cable compatible with IBM computers. Pinout: See below.

Pin NO.	Function	Transmitter	
1	/Strobe	host / printer	
2-9	Data 0-7	host	
10	/Acknowledge	printer	
11	Busy	printer	
12	/Paper empty	printer	
13	/Select	printer	
14	/Auto-Linefeed	host / printer	
15	N/C	•	
16	Signal Gnd		
17	Chasis Gnd		
18	+5V,max 500mA		
19-30	Signal Gnd	host	
31	/Initialize	host / printer	
32	/Error	printer	
33-35	N/C	,	
36	/Select-in	host / printer	

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 to 9-pin)				
DB9 Socket			DB9 Plug	
	1	1	+5V,max 500mA	
RXD	2	_2	TXD	
TXD	3	3	RXD	
N/C	4	4	N/C	
GND	5	5	GND	
DSR	6	6	RTS	
RTS	7	7	CTS	
CTS	8	8	RTS	
N/C	9	9	N/C	
PC			Printer	

• USB

Connector Type : Type B

Pin NO.	1	2	3	4
Function	VBUS	D-	D+	GND

Appendix_Interface