

# 05 - Assigning an IP

How to assign a wired or wireless static or non-static IP to your printer.

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DiagTool_V16	
4 Open	
💎 Run as administrator	
<ul> <li>Share with Skype</li> <li>Troubleshoot compatibility</li> <li>Unpin from Start</li> <li>Pin to Start menu (Classic Shell)</li> <li></li></ul>	
Give access to Pin to taskbar Burn with Nero Restore previous versions	> >
Send to Cut	
Create shortcut Delete	
Rename Properties	

# INTRODUCTION

Establish wired USB connection from printer to computer and have the printer plugged in and turned on before starting.

Keep in mind you are changing the name of the printer and the IP. Start to think about what you will want these to be.

This guide sets up a wired and a wireless IP for this printer. Technically, only one is required, but we recommend setting it up both ways just in case one connection stops working.

On the Global Shop industrial barcode printer, built-in wireless connectivity is optional. If you did not purchase this option, then you only need to worry about the wired method.

Click <u>HERE</u> to download the Diagnostic Tool needed for the wired method.

Click <u>HERE</u> to download the GSS Wireless Printer Setup Utility needed for the wireless method.

### Step 1 — 05 - Assigning an IP

	Bingfool V1.54     - X     Language     English     Find     Grinch C mm     UIS8     Setup
Biggliodu Vibio         Open         Image: Share with Skype         Troubleshoot compatibility         Upin from Start         Pin to Start menu (Classic Shell)         Image: Share with Windows Defender         Image: Share with Skype         Give access to         Pin to taskbar         Image: Send to         Cut         Copy         Create shortcut         Delete	Printer Configuration       File Manager         Bitmap Font Manager         Command Tool         Printer Function       Printer Configuration       Printer Enformation         Calibrate Sensor       Printer Enformation       0       0         Etherner Setue       Dends Sensor       0042       0042       0042         Fractor Datuation       Printer Enformation       0       0       0         Factor Datuation       Speed       4       Ribbon Sensor       0       Version         Pait Configuration Page       Gaper Height       E044       Ribbon Sensor       0       Version         Pait Configuration Page       Dump Text       Gap Diffet       0.000       exchr Review       000       version         Ignore AUTO BAS       Exit Line Mode       Dump Text       Gap Diffet       0.000       exchr Review       0       version         Password Satup       Active Emadation       TEAM       Maximus Length       10.000       exch         Direct On Q       O       Dens Interview       0       Continuous Intern.       2         Direction       Q       O       Continuous Intern.       2       0       Shit X       0         Shit X       0       Shit X       0
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- Make sure your printer is connected to your computer via a USB cable.
- Download the Diagnostic Tool using the link provided.

https://www.emsbarcode.com/gss/GSS-LABEL...

- Once downloaded, find the file and right click it. You want to "Run as Administrator."
- When the application opens, all fields should populate.

Language English	Unit Cmm USB Setup	Tempson English V C mm Use Setup
Printer Configuration   File N	Ianager   Bitmap Font Manager   Command Tool	Printer Configuration File Manager Bitmap Font Manager Command Tool
Printer Function	Printer Configuration	Printer Function Printer Configuration
Calibrate Sensor	Version: MA240T Version: A2.11 EZD TCF Cutting Counter: 0 0	Calibrate Sensor Version: MA240T Version: A211 EZD TCF Cutting Counter: 0 0
Ethernet Setup	Serial No: 24T19270026 Mileage: 0.0042 Km	Ethernet Setup Serial No: 24T19270026 Mileage: 0.0042 Km
DTCC -	Check Sum: 0C443D95	DTC C.t. Check Sum: 0C443D95
HIL Setup	Common Z D RS-232 Wireless Bluetooth	Common Z L D L DC 222] Michael Blocker
Factory Default	Speed 4 Ribbon OFF -	Factory Default Speed
Reset Printer	Density 5 💌 Ribbon Sensor ON 💌	Reset Printer Density P Setup N 💌
Print Test Page	Paper Width 4.06 inch Ribbon Encoder Err. ON 💌	Print Test Pane Paper Width C Statio IP
	Paper Height 6.04 inch Code Page 850 💌	Paper Height 50 V
Configuration Page	Media Sensor GAP 🗸 Country Code 001 🗸	Configuration Page Media Sensor IP 10.100.100.88 D1 👻
Dump Text	Gap 0.12 inch Head-up Sensor ON 💌	Dump Text Gap Subnet Mask 255.255.0 N 💌
Ignore AUTO.BAS	Gap Olfset 0.00 inch Reprint Alter Error ON 💌	Ignore AUTO.BAS Gap Offset Gateway 10.100.100.253 N
E-Alian Made	Post-Print Action TEAR  Maximum Length 10.00 inch	Evit line Mode Post-Print Act Printer Name [USS-IND-151] 200 inch
	Gap Inten. 9	Cut Piece MAL Address 00181620316102
Password Setup	Reference 0 0 Bline Inten. 8	Password Setup Reference Set Printer Name Set IP Cancel
Active Emulation	Direction 0 Continuous Inten. 2	Active Emulation
	Utset U Threshold Detection AUTO V	Skie V 0
Printer Status		Printer Status
Get Status	Clear Load Save Set Get	Get Status Clear Load Save Set Get

- Go to the "Ethernet Setup" function on the left of the application.
- Set the printer's name to anything you want that's simple and easily understood.
  - For example, I set mine to GSS-PTR-TST for Global Shop Solutions Printer Test.
- Click on "Set Printer Name" in the bottom left corner of the pop-up.
  - (i) After you click "Set Printer Name," the printer will restart. This is normal.

Daghari (J.M	Computer 6.8         Color         Filling	9 FOWER 9 ON-LINE 0 ERROR 11:49 AM ETH:10.121.80.81 2020/11/10
Igrae AITO BAS         Get Not         R00         Roor Lafter form         (00         who           Led Live Mode         PeeP Mr Addree         Table         Not         Not         Not           Active Mode         PeeP Mr Addree         ID         See Mr Addree         ID         Not           Active Mode         Destron         ID         Contractional Network         ID         Not           Active Totalish         Destron         ID         Contractional Network         ID         Not           Notes         ID         Contractional Network         ID         Not         Not         Not           Sea V         ID         Trained Creation         Active Totalish         See         Set         Ed           UPT         COM NORALL NTS         Trained Sea Mr         Set         Ed         Intractional Network         Intractional Network         Set         Ed         Intractional Network         Set         Ed         Intractional Network         Intract	Upwark UTG BAL         Ge Offee         Samour         [11:00:01:0:0]         N         Samour           Failure Mode         Carliere         MCA Mees         Samour         [10:00:01:0:0]         N         Samour           Active Crudiation         One         Dire Mode         Gar Mees         Samour         Failure Mode           Samour         Dire Mode         Dire Mode         Gar Mees         Samour         Failure Mode           Samour         Dire Mode         Dire Mode         Dire Mode         Dire Mode         Active Crudiation           Samour         Dire Mode         Dire Mode         Dire Mode         Dire Mode         Active Crudiation         Active Crudiation	EMS Barcade Solutions, LLC Call 972-535-5555 Service - Hardware - Labels - Ribbons

- Go to the "Ethernet Setup" function on the left of the application.
- Under "IP Setup," change it from "DHCP" to "Static IP."
- You can now change the IP to whatever you desire it to be where it asks for the IP.
- Once your new IP is set, click "Set IP" at the bottom of the pop-up.
  - ③ "After you click "Set IP," the printer will restart. This is normal. If the IP has been set properly, it should now display the IP address on the front screen.

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- This step is optional, and only possible if WiFi capability was purchased with your printer. If not, you can skip this portion of the guide.
- Download the GSS Wireless Printer Setting Utility using the link provided.
  - https://www.emsbarcode.com/gss/wp-conten...
- When downloaded, find the file and right click it. You want to "Run as Administrator."
   If a Security Warning pops up, select "Run."
- Check the printer connected via USB it should display the name you set in Step 2.
- Select "Printer Configuration."

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Printer Name PS-703204 PS-549914	DHCP IP Address	ON ~	CA Certificate: Client Certificate:	File name	Browse		Printer Name PS-703204 PS-549914	DHCP IP Address	ON ~ 10.121.80.99	CA Certificate: Client Certificate:	File name	Browse		2
	Gateway Printer Name RAW Port	200.200.200.0 10.121.80.1 GSS-PTR-SHP 9100	Private Key: EAP-FAST PAC: SSID	Encryption	see Scan AP			Gateway Printer Name RAW Port	10.121.80.1 GSS-PTR-SHP 9100	Private Key: EAP-FAST PAC: SSID	Encryption	scan AP		Wi-Fi:10.121.80.99
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- These photos are temporary. Your screen may look slightly different than here.
- Go to the "Wi-Fi" tab.
- Enter the name of your Wi-Fi under "SSID" and the password to your Wi-Fi under "Key."
- △ Leave DHCP enabled to allow the program to establish an IP and configure network settings.
- Hit the "Set" button in the bottom right of the pop-up and close out of the program completely to update this information.
- If the second second

#### Step 6 — Changing the Printer's Name

	Printer Configuration				>	<			Printer Configuration				>	<
	Basic Advanced Z	D RS232 Wi-Fi	Ethernet Bluetooth	n Information					Basic Advanced Z	D RS232	Vi-Fi Ethernet Bluetoo	th Information		
ement 2.15	SSID	emswh E	AP Type:	~			-	nagement 2.15	SSID	emswh	EAP Type:	~		-
Users	Encryption	WPA1/2-Persona $\sim$ U	Isername:			ual Name	Lan	Users	Encryption	WPA1/2-Persona	Vusername:			ual Name
	Key	******* P	assword:				Eligi		Key	******	Password:			
Printer Name	DHCP	ON ~		File name	Browse			Printer Name PS-703204	DHCP	ON v		File name	Browse	
5-549914	IP Address	10.121.80.99	A Certificate:					PS-549914	IP Address	10.121.80.99	CA Certificate:			
etup Test PRNT	Subnet Mask	255.255.255.0	lient Certificate:					Setup Test PRNT	Subnet Mask	255.255.255.0	Client Certificate:			
	Gateway	10.121.80.1	INALE KEY.						Gateway	10.121.80.1	FAD FAST DAG			
	Printer Name	GSS-PTR-SHP	AF-FAST FAC.	Pitter area to					Printer Name	GSS-PTR-SHP	EAP-PAST FAC.	. Prove and the		
	RAW Port	9100	SSID	Encryption	Scan AP				RAW Port	9100	SSID	Encryption	Scan AP	
	MAC Address	88-DA-1A-54-99-14			ocarra				MAC Address	88-DA-1A-54-99-14	4		otanna	
auration	Wi-Fi Version	1.6.9			Advanced	Ditmo	e Cont He	optiquistion	Wi-Fi Version	1.6.9			Advanced	Ditmon Co
gurauon	New Wireless Setting closed. After that, prin	is will only be applied after ter will restart automaticall	"Set" button is clicked y.	and Printer Configuratio	n window is	Bitmap Font Ma			New Wireless Setting closed. After that, prin	as will only be applied ter will restart automat	on window is	Biumap Po		
	Printer Setup Test PRI	NT (10.100.101.69)	~	Set	Get				Printer Setup Test PR	NT (10.100.101.69)	~	Set	Get	

- Repeat the last 3 parts of Step 5.
- Go to the "Wi-Fi" tab.
- Set the printer's name to anything you want that's simple and easily understood. It doesn't have to be the same as the previous, and using different names to differentiate them might be useful.
  - *i* For example, I set mine to GSS-PTR-SHIP for Global Shop Solutions Printer for Shipping.
- Hit the "Set" button in the bottom right of the pop-up and close out of the program completely to update this information.
- *ⓐ* After you click "Set ," the printer will restart. This is normal.

### Step 7 — Changing the Static IP of the Printer

	Printer Configuration	D 89232 V	W-FI Ethernet Blue	doubh Information	×			Printer Configuration				×							
User Printer Name P8-703204 P8-549914 Setup Test PRNT	SSID SSID Encrytion Key DHCP IP Address Subnet Mask Gateway Printer Name RAW Port MAC Address	0 TOCK2 - 0 m wh 10.2Persona - 10.121.80.99 255.255.0 10.121.80.1 0SS-PTR-SHP 9100 86-DA-14-54-99-12	EAP Type: Username: Password: CA Certificate: Client Certificate: Pinate Key: EAP-FAST PAC: SSID	File name Encryption	Browse 	zai Name Engl	Inigement 2.15	Basic Advanced Z SSID Encryption Key DHCP IPAddress Subnet Mask Gateway Printer Name RAW Port	D RS232 emswh WPA1/2-Persona 	WHFI Ethernet Blue EAP Type: Username: Password: A Certificate: lient Certificate: Private Key: EAP-FAST PAC: SSID	File name Encryption	Browse	Lani Jai Name Engl	÷ Wi-	Fi:1	92.1	68.1	L.56	
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- This step is optional. If your system admin wants a specific IP set, they can tell you which one.
- Repeat the last 3 parts of Step 1, and then go to the "Wi-Fi" tab.
- Turn DHCP off.
- You can now change the IP to whatever you desire it to be where it asks for the IP.
  - △ Make sure the IP you assign here is DIFFERENT to the one you assigned for the wired connection.
- After you change your IP, hit "Set" in the bottom right and close out of the program completely.
- If the printer will restart. This is normal. Once it has restarted, wait about a minute and check the display. It should have a prompt on the top left that says "Wi-Fi" with your new IP.