Zebra ZQ521 Guide to change internal logo files Version 1.0



1. Required files and hardware

- zebra.zip, please download the .zip with files from this link: <u>https://www.dropbox.com/scl/fi/dj05tfwzhxoj8j2ml6p2z/zebra.zip?rlkey=3ezh</u> <u>h6ihetaniw3u89wmdkthf&st=jog8851z&dl=0</u>
- Zebra Zebra ZQ521, label printer
- Personal computer (with Windows OS, USB port)
- USB cable to connect printer to PC ('Male USB A' to 'Male Micro USB B')

2. Description of included files

File name	Description
zebranet-bridge-1-3-3a.exe	Software for conversion of bmp files ZebraNet
	Bridge Enterprise
zsu-1191325.exe	Zebra setup utility
custlogo.bmp	Graphic displayed at pass
danger.bmp	Graphic displayed at fail
custlogo.zpl	Standard pass logo already processed in ZebraNET
	bridge. If you just want to upload standard logo
Danger.zpl	Standard fail logo already processed in ZebraNET
	bridge. If you just want to upload standard logo
How to create and setup a custom	Extra guide on how to make a custom logo file
logo.docx	

3. Label form and graphics upload procedure

- Start "Zebra Setup Utilities", ensure printer is turned on and connected by USB.
- Press 'install new printer' and follow the prompts
- Choose ZDesigner ZQ521 (CPCL) option for the printer, and generally USB001 for the communication port. (no need to tick launch installation of font downloader)

Roders The list betwee displays installed proteons. To configure a proteon, sided it and choose one of the configuration splanes between The second	Select Printer Please select the manufacturer and printer you want to install. Select the manufacturer and model of your printer. If the driver is in a different folder click (Change location>. You can also choose to install multiple printers at once, using the CTRL key while selecting printers.
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General Operations	Change location Exit Help < Previous Next >

• After completing printer/driver install, unplug the USB cable and plug it back in again, then press 'refresh printer list', this is in case your printer is not port USB001, now that the driver exists on the system, it should add itself accordingly when you refresh.

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Printers — The	e list below c	lisplays installed printers. To c	onfigure a p	inter, select it and choose one	of the c	onfiguration	optio	ns belo	w.
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		\/zed-pws26\ZDesigner TLP 2824 Plus (ZPL) USB001	T	ZDesigner ZQ521 (CPCL) USB002	1	Refr	esh Pri	inter Lis)

• Now printer is installed, proceed to next step.

4. Prepare custom graphic

- Our guide below will describe creating the relevant files to upload, we provide a default pass and danger logo to upload, but you can modify these files to whatever logos you want, note the file names need to be specifically 'custlogo' and 'danger'
- Note we also supplied 'custlogo.zpl' and 'danger.zpl' these are standard pass/fail logos which have already been through the below conversion process so you can skip to step 5 if you want to upload the default logos.
- Logo graphics you start with should be monochrome bitmap, and 300x300 pixels
- If you need some help/guidance on creating your own custom logos please see separate guide document 'How to create and setup a custom logo.docx'
- So now that printer is installed, open/run "Zebra Bridge Enterprise" software.
- To begin, on the left side you should see the printer, expand it and highlight the appropriate memory location on the printer, in this case E:Memory



• Start "Graphic Conversion Wizard"

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File Edit View Printer Tools Preferences		
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Search Groups	Contents Events Status Summary Visual Alerts Maintenance	
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- Select the input file, custlogo.bmp, press next
- for ZQ521 I found for the logo to be displayed properly you should choose 90 Degrees, then press Next

Graphics Conversion Wizard	ł	×
This wizard converts graphic Select Desired Rotation	iiles to ZPL format.	
 0 Degrees 180 Degrees 	90 Degrees	
PASS		
	< Back Next >	Finish Cancel

- Keep sizes as 300x300 pixels, press next.
- Write 'e' and the file name per below:
 'custlogo' for the pass logo
 'danger' for the fail logo
 Then press next

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his wizard converts	graphic files to ZPL	format.			1154
Select Desired Printer	File Format and Nam	e			
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Memory Device:	Filename:			Exten	sion:
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• Decide where you want to save it, such as desktop or documents, enter the file name (custlogo or danger) and press 'save', and finish

Downloads	2 / 1	,		
Documents *				I
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File name: custlogo				\sim
Save as type: *.zpl: ZPL Fi	les			\sim
∧ Hide Folders			Save Cancel	

- It will create file custlogo.zpl in the location you selected
- Do this same procedure again but for the fail/danger logo
- Now you have the files are prepared for uploading them to the printer.

5. Upload custom converted graphics to printer

- Go back into the 'Zebra setup utilities' software.
- Highlight the printer in the list
- Choose Open Printer Tools→Action→Send File
- Select the file you created custlogo.zpl, and press Send.

	Tools X
🐉 Zebra Setup Utilities — 🗆 🗙	Printer Comands
Printers	Send command to printer
The list below displays installed printers. To configure a printer, select it and choose one of the configuration options below.	Print Action
Install New Printer	Calibrate media
Vzed-pws06/2Designer TLP Vzed-pws26/2Designer 2824 Plus (ZPI)	Reset printer
USB001 USB003 LUSB003	Enter diagnostics mode
Defeate Drinker List	Exit diagnostics mode
Vized-pws/26/2Designer TLP ZDesigner ZQ521 (OPCL)	Send Command
USB001 USB002	Clear bluetooth bonding carbe
	Command Description
Printer Configuration	The Send File command is used to send a file directly to the printer. Enter filename
Configure the selected printer	to be sent to the printer in the box below or click on "" to browse for a file.
Configure Printer Settings	
📃 Configure Print Quality 🔣 Open Printer Tools	
🔪 Configure Printer Connectivity 📕 Open Communication With Printer	Send Close Help
	True Tech

- Then do the same again for the other logo
- Choose Open Printer Tools→Action→Send File
- Select the file you created danger.zpl, and press Send.
- Should be done, you can now just do a test print, run a test as usual on your PAT tester and save/print and check how your logos come out.
- OR you can also click the refresh button on Zebra Bridge Enterprise, and check if the files are correctly stored inside selected directory.

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	Object	CG_TRIUMVIRATE.TTF
Groups	Object	CONFIG.SYS
Tocal Printers	Object	CTUNMK24.CPF
	Object	CUSTLOGO.GRF
Memory Devices	Object	DANGER.GRF
R: Memory	Object	EFOINT_A.TTE
E: Memory	Object	EFONT_B.TTF
Files	Object	EFONT_C.TTF
🖃 📄 Z: Memory	Object	FONTM.FNT
	Object	FONTOA08.FNT