

Zebra[®] ZD410 Installation Guide

AVImark[®]

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Installing the Zebra ZD410

The instructions here are for installing the Zebra ZD410 to work with AVImark.

Zebra ZD410 requirements for labels:

- Max Label Width is 2.36
- **Label Core** is 1 inch.
- Maximum Print Width: 2.00
- **Print Method:** Direct Thermal
- 1. Install the Zebra ZD410 on your computer using the manufacturer's software and following the manufacturer's instructions.
- 2. Click the link to download the **Zebra Setup Utilities** and **Manual**:

https://www.zebra.com/us/en/support-downloads/printers/desktop/zd410.html

Scroll down the page to locate the link to download the file.

DRIVE	RS							
RECOM	MENDED							
ZDesign Driver version Recommend Supports cu	er v. 8 Dri on: 8.6.4.2382 led driver for u rrent Zebra pri	ver for W 7 use with Zeb inters (ZPL p	/indows raDesigner 3 rinter comm	3. and language/printers rur	nning Link-OS).			👲 Download 24 M
OPERATING View Relea	SYSTEM: Windo se Notes >	ows 10 (32 and	l 64 bit), Winc	lows 11, Windows Server 20	16, Windows Server	r 2022, Windows Server	2019 (64 bit)	
Zebra Se	tup Utilit	ies for W	indows					Download 21 M
Recommend	led driver insta	allation and o	onfiguration	utility (v1.1.9.1290).				_
OPERATING	SYSTEM: Windo	ows 7 (32 and	64 bit), Windo	ows 10 (32 and 64 bit), Wind	ows Server 2016, W	Vindows Server 2012, Wi	indows 8.1 (32 and 6	4 bit), Windows Server 2019
(64 bit) Winde	ows Server 200	8R2 (32 and 6	4 bit)					
(or big, mind.								



Do not connect your printer to the computer until prompted by the Zebra software.



3. From downloads open zsu-1191290.exe.

		Name	^
✓		✓ Today (1)	
- Desktop	7 A	🍇 zsu-1191290.exe	
🔮 Documents	*	> Earlier this week	(1) —
Pictures	*	> Last week (2) —	

🌯 Zebra Setup Utilities - InstallAware Wizard 🛛 🚽 🗙					
	Welcome to the InstallAware Wizard for Zebra Setup Utilities				
Min.	The InstallAware Wizard will install Zebra Setup Utilities on your computer.				
ZEBRA	WARNING: This program is protected by copyright law and international treaties.				
	lo continue, click Next.				
	< Back Next > Cancel				

4. Click **Next**.

ស Zebra Setup Utilities - InstallAware Wizard —		×
License Agreement Please carefully read the following license agreement.	ن ZE	BRA
END USER LICENSE AGREEMENT (UNRESTRICTED SOFTWARE)		^
IMPORTANT PLEASE READ CAREFULLY: This End User License Agreement ("EULA") is a legal agreement you (either an individual or a single entity) and Zebra Technologies Corporation ("Zebra") for software, own Zebra and its affiliated companies and its third-party suppliers and licensors, that accompanies this EULA. ("Software"). BY USING THE SOFTWARE, YOU ACKNOWLEDGE ACCEPTANCE OF THE TERMS OF TH IF YOU DO NOT ACCEPT THESE TERMS, DO NOT USE THE SOFTWARE.	nt betw ied by IS EUL.	reen A.
 GRANT OF LICENSE. Zebra grants you, End-User Customer, the following rights provided that you comp terms and conditions of this EULA: For Software specified for use with Zebra hardware, Zebra hereby grants 	ly with s you	all 🗸
□ I accept the terms of the license agreement		

5. Check I accept the terms of the license agreeement and click Next.



🗞 Zebra Setup Utilities - InstallAware Wizard	—		×
Destination Folder Select folder where setup will install files.	狮	ZEB	RA
Install Zebra Setup Utilities to: C:\Program Files (x86)\Zebra Technologies\Zebra Setup Utilities	Chang	e	
Destination Folder Required Disk Space: Remaining Disk Space:	37,62	19 KB 8 MB	
InstallAware	>	Can	cel

6. Click Next.

ቚ Zebra Setup Utilities - InstallAware Wizard	—		×
Select Program Folder Select the location where you would like to create new shortcuts.	Ú.	ZEB	RA
Setup will add program shortcuts to the Program Folder listed below. a new folder name, or accept the suggested name. Click Next to cor	. You may t ntinue.	type	
Program Folder: Zebra Setup Utilities			
Install this application for:			
InstallAware	t >	Cance	el

7. Click Next.



🌯 Zebra Setup Utilities - InstallAware Wizard 🛛 🚽 🗙					
	Completing the InstallAware Wizard for Zebra Setup Utilities				
ZEBRA	The InstallAware Wizard is now ready to configure Zebra Setup Utilities on this computer. - Click Next to begin configuration - Click Back to change settings - Click Cancel to exit				
	< Back Next > Cancel				

8. Click **Next**.

🌯 Zebra Setup Utilities - InstallAware Wizard	—		\times
Important Information Please carefully read the following program information.	Ú.	ZEE	R/
This application requires using ZDesigner Windows drivers version 1.5.09 or later. Using earlier versions will cause the message "The selected printer is not supported" to be displayed in the main se A compatible driver included in this installation can be installed by dicking the "Install New Printer" button on the m	reen. Iain scree	en.	
✓ I have read the information above InstallAware < Back			

9. Check I have read the information above and click Next.



🌯 Zebra Setup Utilities - Insta	IIAware Wizard — 🗆 🗙			
	Completing the Wizard for Zebra Setup Utilities			
Str.	You have successfully completed the Wizard for Zebra Setup Utilities.			
ZEBRA	☑ Run Zebra Setup Utilities now □ Read Readme			
	To close this wizard, click Finish.			
Finish				

10. Check **Run Zebra Setup Utilities now** and click **Finish**. The Zebra utility window opens to: **System Prepare Wizard**.

System Prepare Wizard	×
Printer Driver What port is your printer connected to?	
Please specify what computer port your printer is connected to.	
• USB (Universal Serial Bus) Other computer ports (Parallel Port, Serial Port, TCP-IP Port,)	
Help Cancel < Back Next >	Finish

- 11. **Connect** the Zebra ZD410 printer to USB port and **power** the printer **on**.
- 12. Select USB (Universal Serial Bus) then click Next.



System Prepare Wizard	×
Install Printer Driver Installing the printer driver to your system.	
Please connect the printer to USB port and power the printer on. System will install the printer driver automatically. When completed, click on "Finish" to complete the wizard. If the printer was plugged in before application started, click on "Manual Install" to launch the printer installation wizard and manually install the printer driver. Manual Install	
Help Cancel < Back Next > Finish	

13. Since the printer is already plugged in click **Finish**. The Zebra Setup Utilities window opens.

Ze	bra Setup Utilities			- 🗆 X
Printer	s The list below displays	installed printers. To configure a prin	ter, select it and choose one of the c	onfiguration options below.
Tools	Zesig	ner ZD410-203dpi ZPL S8001	[Jinstall New Printer
Printer Comands			ĺ	Refresh Printer List
Print Action Calibrate media Load factory defaults				
Reset printer Enter diagnostics mode Exit diagnostics mode Send command Send file Clear bluetooth bonding cache				
	d	printer ligure Printer Settings	Townload Font	s and Graphics
Command Description The Default Printer command is used to reload factory settings i WARNING: Any custom settings in the printer will be lost.	n the printer.	nfigure Print Quality	🔝 Open Prin	ter Tools
	ig	ure Printer Connectivity	B Open Communica	tion With Printer
Send Close	e Help 3	application operations		
	😢 Help	1 About	Options	Close

- 14. Select the correct printer and click on **Open Printer Tools.**
- 15. In the Tools window click on the **Action** tab. You will perform Actions in order of:



- **Load Factory Defaults** (Which will factory default the printer and clear the buffer)
- Calibrate media (this will slowly print out three to five labels to re-measure the size of the label and confirm their length)

You may see the screen below, which is fine. Click on the Maintenance tab > Calibrate Media > Calibrate This will slowly print out three to five labels to measure the size of the label and confirm their length.

ZDesigner ZD410-203dpi ZPL F	Properties X
seneral Sharing Ports Advance Setup Maintenance Settings Support Stocks Fonts Help and About	ad Color Management Secury Unver Secury Calibrate media Automatically adjust media and ribbon sensor to label dimensions. Calibrate Synchronise Real Time Clock (RTC) Set printer clock to computer clock. Sync
Download your free copy of ZebraDesigner Essentials	OK Cappel Andre Help

16. Click **OK** to close the Zebra Setup Utilities window.



The following steps will go through Page Setup.

- 1. Open the **Control Panel > Devices and Printers**.
- 2. On the correct printer, **right-click > Printing preferences.**
- 3. On the **Page Setup** tab, set the **Width**, **Height**, **Media type**, and **Rotation** for your label.

👼 ZDesigner ZD410-203dpi ZPL Printing Preferences X						
Printer Settings						
🗔 Page Setup	Stock	Print preview				
🗇 Print Options	Select:	Custom ~				
😎 Operation Mode	Media settings					
Graphic Options	Width: Height:	2.772"				
E Custom Commands	Media type:	Tags with side notches V				
💥 Maintenance	Rotation: Mark offset:	90° - Landscape ↓ 0 " ↓ []				
🛴 Units	Mirror label					
1 Help and About	L arverse					
큧 Print test page						
新 ZEDDA						
Download your free copy of ZebraDesigner Essentials						
		OK Cancel Apply Help				

4. In the **Print Options** tab, set the correct **Printing mode**, **Top**, and **Left** for your label.

📥 Z	Designer ZD410-203dpi ZP	L Printing Preferences				×
Print	er Settings					
D	Page Setup	Print settings			Print proview	^
2	Print Options	Speed:	6.0 "/s	~ <u>[</u>	This preview	
		Darkness:	15	× 🗾		
2	Operation Mode	Printing mode:	Direct thermal	× 🔝		
0	Graphic Options	Offsets			\sim	
۶.	Custom Commands	Top:	0 "			
×	Maintenance	Left:	0 "			
		Advanced settings				
L.	Units	Backfeed:	Default	~ <u>[</u>	man	
;	Help and About	Pause:	No pause	\sim		

5. Click **Apply** and then **OK**.



- 6. Open **AVImark** and go to **Utilities > Printer Setup** and select the correct printer for the appropriate task with Quality set to Label Printer
- 7. Still in the Printer Setup window, select the Form Assignment tab setting the form assignment for each Zebra ZD410. The Form Assignment will be **Custom** unless a Stock was setup for labels (see note below).
- 8. Click **Done**.

If desired, Form Assignments can be setup for the label dimentions by opening the Zebra Setup Utilities > Select printer and then select Open Printer Tools.

The list below displays installed printers. To configure a print	er, select it and choose one of the configuration options below.
ZDesigner ZD410-203dpi ZPL USB001	Uninstall Printer
	🕝 Refresh Printer List
ter Configuration	
Configuration Configure the selected printer	
Configuration Configure the selected printer Configure Printer Settings	Source of the second se
Configuration Configure the selected printer Configure Printer Settings	Download Fonts and Graphics Open Printer Tools
ter Configuration Configure the selected printer Configure Printer Settings	Download Fonts and Graphics Open Printer Tools Open Communication With Printer
er Configuration Configure the selected printer Configure Printer Settings Configure Print Quality Configure Printer Connectivity	Download Fonts and Graphics Open Printer Tools Open Communication With Printer
ter Configuration Configure the selected printer Configure Printer Settings Configure Print Quality Configure Printer Connectivity eral Operations Perform the following application operations	Download Fonts and Graphics Open Printer Tools Open Communication With Printer

9. On the left hand side, click on **Stocks** and then click **New**.



iene	ral Sharing Ports Ad	dvanced Color Management Security	Driver Settings			
± × ♥ ♥ □ A	Setup Maintenance Settings Support Stocks Fonts Help and About	Name	Width	Height	Speed	Darkness
	Vit. ZEBRA ownload your free copy of abraDesigner Essentials	New Edit	Delete			

10. In the Stock window you can select **Page Setup**, enter a **Name** for stock, **Width**, **Height**, **Media type**.

Stock		>
🖻 Page Setup	Media settings	Print preview
Print Options	Name: ₿0258 label Width: 2.15 " Height: 2.752 " Media type: Tags with side notches	K Cancel

11. Click **OK**. Stocks will be listed in the Driver Settings window:



🖨 ZDesigner ZD410-203dpi ZPL Properties X					
General Sharing Ports Advar	Color Management Security Drivers	eungs			
≢ Setup	Name	Width	Height	Speed	Darkness
💥 Maintenance	30258 label 3x2 label	2.15 " 2 "	2.752 " 2.752 "	6.0 "/s 6.0 "/s	15 15
Settings					
Support					
🖻 Stocks					
A Fonts					
i Help and About					
Vite ZEBRA					
ZebraDesigner Essentials	New Edit	Delete			
			OK	Cancel /	Apply Help

- 12. Click **OK**.
- 13. Close and reopen AVImark. Those Form Assignments will now be listed for the **ZDesigner ZD410-203dpi ZPL** printer in **Utilities > Printer Setup**.

4	🛄 Printer Setup					
F	Printers Form assignment					
	Printer Form Assignment					
ZDesigner ZD410-203dpi ZPL 3x2 label						
Send To OneNote 2013		30258 label 3x2 label				
	OneNote (Desktop)	Custom				
	Microsoft XPS Document Writer	Note				

