Config creation process using 123Dektop Application.

1-Launch 123Desktop Application \rightarrow Open Configuration Tab \rightarrow Offline Config \rightarrow Select reader of your choice for create new config file.



2-Insert Configuration Name & Notes for New config file & Giga-DAT File.

() , 12	23 RFID Desk	ktop			(()) 0 Readers Connected	How to Videos	Help with Configuration	X
<u>((Q))</u>	← BACK	NAME AND N	DTES					
Connect		Please be sure to give ye	our settings a configuration name. You can also add note:	S.				_
Read	RFD90	Configuration Name:	Factory Default					
\$		Notes:	io character limit					
Configure								
Firmware	NAME NOTES							
	SCAN							
	LOAD AND PRINT							

3-Select Proper Region for Reader (Ex:- For ETSI select ETSI region, For WR Select WR Region, For US Select US Region, for EU Select EU Region)

<u>((Q))</u>	← BACK	RFID	All Marine 10				
Connect	STR.	The parameters below are RFID Click on blue links below for fa	settings. ster parameter list navigation.				
Read	RFD90	Regulatory Configuration	Regulatory Configuration				
Ô		RFID Data Reporting	Country of Operation				
Configure		Advanced Configuration	Enable channel hopping	NORFOLK_ISLAND,WR NORWAY,E900	and and the		•
*	NAME NOTES	Query Options	Enabled Channels Mask	NORWAY,ETSI OMAN,ETSI			
Firmware	RFID	Trigger Configuration		PAKISTAN,ETSI PANAMA,WR PARAGUAY, ELLETSI			
	GENERAL		RFID Data Reporting	PARAGUAY_US,WR PERU,WR			
	LOAD AND PRINT		First seen time-stamp	PHILIPPINES,WR POLAND,ETSI	THE REAL PROPERTY IN THE REAL PROPERTY INTERNAL PRO	e.	
			Last seen time-stamp	PORTUGAL,E900 PORTUGAL,ETSI PUERTO, RICO WR			
			Protocol Control field	QATAR,ETSI	6.T.		
			Received Signal Strength Indicator (RSSI)	Enable			
			Channel index				
•			Unique tag reporting	Disable			
			Tag seen count	Enable T			

4- If we want to Change and Select any scan parameter we can select and change from Symbology & System settings.

symbology settings

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<u>((Q))</u>	← BACK	SCAN				
Connect		The parameters below are sci Click on blue links below for t	nner settings to configure symbology and general system settings. aster parameter list navigation.			
Read	RFD90		Symbology Settings			
		Symbology Settings	Arter			
1		System Settings	Chinese 2 of 5			
Continues			(♥) Codabar			
Configure			Code 11			
J	NAME NOTES		✓ Code 128			
4	REID		✓ Code 39			
Firmware	NULL STREET		✓ Code93			
	SCAN					
	GENERAL		🕑 Data Matrix			
	LOAD AND PRINT		Discrete 2 of 5			
			• DotCode			
			Gridmatrix			
			GS1 Databar			
			Han Xin			
			V Interleaved 2 of 5			
			Korean 3 of 5			
			Matrix 2 or 5			
			w MSI			
			Contractions			
			PDF-417			
			 ✓ Postal 			
			(*) QR			
			Symbology Security Level			
About			UPC EAN			

system settings.

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<u>((Q))</u>	← васк	SCAN					
Connect		The parameters below are scanr Click on blue links below for fast	ner settings to configure symbology and general ter parameter list navigation.	system settings.			
Read	RFD90	Symbology Settings	System Settings				
\$		System Settings	Transmit No Read Message				
Configure			Parameter Scanning Allowed	V			
¥	NAME NOTES		Keyboard Country Type	North American 🔹			
Firmware	RFID		Country Code Page	Default for a set Country Type 💌			
	GENERAL		Timeout Between Same Symbols	5 x100ms			
	LOAD AND PRINT		Timeout Between Different Symbols	1 x100ms			
			Scan Line Width	Wide •			
			Laser On Time	99 x100ms			
			Transmit Code Id	None •			
			Trigger Mode	Level •			
			PDF Prioritization Timeout	200 x1ms			
			PDF Prioritization	Do Not Prioritize 🔻			
			Mobile Phone / Digital Display	Disable •			
About			Continuous Bar Code Read				

Note: - SCAN Tab will not appear when we select Premium & Standard Reader (P & S Reader does not support scan functionality)

5-On General settings page we can change and select Batch Mode settings, BT settings, HID settings & Beeper settings.

23RFID Deski	top			((•)) 0 Readers Connected	How to Videos	i Help with Configuration
← ВАСК	GENERAL					
	The parameters below are for on Click on blue links below for fas	onfiguring "General" settings. ter parameter list navigation.				
RFD90	General Settings	Bluetooth HID Keyboard Country Code	North American 🔹			
	HID Keyboard Options	Bluetooth HID Keyboard Keystroke Delay	0 x1ms			
	Beeper Settings					
RFID		Bluetooth				
SCAN		Reconnect Attempts	5 attempts			
GENERAL		Beep on Reconnect	Disable Beep 💌			
		Discoverable timeout	40 x1s			
		Reconnect to Bluetooth host	Attempt Reconnect Immediately 💌			
		Beeper Settings				
		Beeper Volume	High 🔻			
		Beeper Tone	Medium 🔹			
		Beep After Good Decode	V			
		Suppress Power Up Beeps				
	23RFID Desk ← BACK	Substrain Subst	Careara Settings Buetooth ID Reyboard Options Buetooth Beeper Settings Buetooth Buetooth Buetooth Buetooth Beeper Settings Buetooth Beeper Settings Buetooth Beeper Settings Buetooth HID Keyboard Keystroke Delay Buetooth Beeper Settings Buetooth Buetooth Beeper Settings Buetooth Beeper Settings Beeper Network Beeper Volume Beeper Tone Beeper Tone Beeper Tone Beeper Tone Beeper Source Buetooth Beeper Source Buetooth Beeper Source <tr< th=""><th>SCREED Desktop Image: Screen and Sc</th><th>SCREED Desktop Image: Control Section 2000 Image: Control Section 2000 <th>Comparison Comparison Image: Comparison of the parameter list neighbood country Code Image: Code code code code code code code code c</th></th></tr<>	SCREED Desktop Image: Screen and Sc	SCREED Desktop Image: Control Section 2000 Image: Control Section 2000 <th>Comparison Comparison Image: Comparison of the parameter list neighbood country Code Image: Code code code code code code code code c</th>	Comparison Comparison Image: Comparison of the parameter list neighbood country Code Image: Code code code code code code code code c



Based On provide location it will save in our local pc, and it will save with. rfdcfg file extension.

215. 12	3 RFID Deskt	ор				(()) 0 Readers Connected
((Q))	← BACK		r			
Connect		Choose from the options bel	low to program your device			
)e						
Read	RFD90	Save configu	uration			
**		🔝 Save As				×
Configure			This PC → Downloads	× ٽ ×	Search Downloads	
	NAME NOTES	Organize 🔹 New fold	der		:	- ?
Y		S This PC	Name	Date modified	Туре	Size ^
Firmware	SCAN	3D Objects	~ Today (4)			
	SCAN	E Desktop	Aman-Factory Default_RFD90_03_30_22	3/30/2022 8:53 AM	RFDCFG File	
	GENERAL	Documents	Factory Default_RFD90_03_30_22_08_49_5	3/30/2022 8:49 AM	RFDCFG File	
	LOAD AND PRINT	🖶 Downloads	Reader Parameter Summary Report-EU-R	3/30/2022 8:25 AM	File folder	
		Music	📙 Reader Parameter Summary Report-Devr	3/30/2022 8:16 AM	File folder	
		Pictures	✓ Earlier this month (2)			
		Videos	123RFID_Desktop_2.0.1.1	3/16/2022 11:38 AM	File folder	
		🔩 Windows (C:)	123RFID_DESKTOP_V2.0.1.0	3/3/2022 11:01 AM	File folder	
		Network	· <			>
		File name: Fact	tory Default_RFD90_03_30_22_11_06_25_942.rfdcfg			~
		Save as type: 123	RFID configuration files (*.rfdcfg)			~
		∧ Hide Folders			Save Ca	ancel

Giga-DAT Creation process (Follow step 1 to 6)

7-Create Giga-DAT With Config file \rightarrow Click on Create Giga-DAT Package

I.



After click on Create Giga-DAT Package new tab will open and it will ask for select Firmware file \rightarrow Click on "Select Firmware File ".

美 。1:	23RFID Deskt	top	((Q)) 0 Readers Connected	How to Videos
((O)) Connect))@ Read	← BACK	LOAD AND PRINT Choose from the options below to program your device Save configuration Create Giga-DAT package Email configuration for		
Firmware	NAME NOTES RFID SCAN GENERAL LOAD AND PRINT	Print/export summary Print/export barcode Firmware file: Select firmware file Save	Close	

8- After click on "Select firmware file " new tab will open where downloaded firmware file will present.

select firmware from local PC \rightarrow click on open.

美 . 12	23RFID Desk	top		(()) 0 Readers Connected	How to Videos	Help with Configuration
((Q))	← BACK	LOAD AND PRINT				
•))@		Choose from the options below to program your device				
Read	RFD90	Save configuration	Stage Configuration		X	
11		Create Giga-DAT package	RFD90-COMMON-MODEL			
Configure		Email configuration file				
₩	NAME NOTES	Print/export summary report	Firmware file:			
Firmware	RFID	Print/export barcode report	Select firmware file			
	SCAN			Save Clo	se	
	GENERAL					
	LOAD AND PRINT		\checkmark			
			🕞 Open			×
			$\leftarrow \rightarrow \lor \uparrow \blacklozenge$ > This PC > Downloads	ٽ ~	🔎 Search Downle	pads
			Organize - New folder		<u>=</u> =	- 🗆 🕜
			SThis PC Name	Date modified	Туре	^
			3D Objects V Today (3)			Select a file
			Desktop GSAAFKS00-002-R04E0.DA Documents Reader Parameter Summar	T 3/30/2022 8:25 AM v Report-FU-R 3/30/2022 8:25 AM	DAT File File folder	to preview.
			Downloads Keader Parameter Summar	v Report-Devr 3/30/2022 8:16 AM	File folder	✓
			File name:	~	123RFID firmware fi	les (*.DAT) 🗸
About					Open	Cancel

Selected Firmware Version will show on Firmware File and then click on save option for save Giga-DAT File.

20. 12	23RFID Des	ktop		(()) 0 Readers Connected	How to Videos
((Q))	← BACK	LOAD AND PRINT			
Connect		Choose from the options below to program your device			
Read	RFD90	Save configuration	Stage Configuration		X
ά		Create Giga-DAT package	RFD90-COMMON-MODEL		
Configure		Email configuration file			
•	NAME NOTES	Print/export summary report	Firmware file: C:\Users\AS7235\Downloads\SAAFKS00-002-R04E0.DAT		
Firmware	RFID	Print/export barcode report	Select firmware file		
	SCAN			Save	Close
	GENERAL				
	LOAD AND PRINT				

9-After click on save option on Stage Configuration page it will ask for location where we want to save new Giga-DAT File with configuration.

Select location in local PC Where we want to save new Giga-DAT File and then click on save option, it will save

Saved new Giga-DAT File will showing like this format: - GSAAFKS00-002-R04E0.DAT

戦 。1:	23RFID Desk	top		(()) 0 Readers Connected	How to Videos	1 Help with Configuration
((Q))	← ВАСК	LOAD AND PRINT				
•))@		Choose from the options below to program your device				
Read	RFD90	Save configuration	Stage Configuration		X	
-		Create Giga-DAT package	RFD90-COMMON-MODEL			
Configure		Email configuration file				
₩	NAME NOTES	Print/export summary report	Firmware file: C:\Users\AS7235\Downloads\SAAFKS00-002-R04E0.DAT			
Firmware	RFID	Print/export barcode report	Select firmware file			
	SCAN			Save	Close	
	GENERAL					
	LOAD AND PRINT					
			💽 Save As			×
			$\leftarrow \rightarrow \checkmark \uparrow$ This PC > Downloads	v ٿ) $ ho$ Search Down	loads
			Organize • New folder			8≕ ▼ 🕜
			3D Objects ^ Name	Date modified	Туре	Size ^
			Desktop V Today (3)			
			Documents GSAAFKS00-002-R04E0.DA Source of the second secon	AT 3/30/2022 8:25	AM DAT File	10,6 💙
			File name: GSAAFKS00-002-R04E0.DAT			~
			Save as type: FC-DAT files (*.DAT)			~
			∧ Hide Folders		Save	Cancel
About						

This is successfully created Giga-DAT File tab

Stage Configu	iration	Ж
1	RFD90-COMMON-MODEL	
FC-DAT file s	saved successfully.	
Firmware	file:	
C:\Users\/	AS7235\Downloads\SAAFKS00-002-R04E0.DAT	
Select	t firmware file	
	Save Close	