CipherLab User Guide

Android Deployment Configurator For Android[™]

> RS30 RS31 9700A RS50 RS51 RK25 HERA51

Version 1.07



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RELEASE NOTES

Version	Date	Notes
1.07	August 6, 2019	RS51 mobile computer & HERA51 mobile POS are supported. Update all figures. Update Section 1.2 " Install ADC Program on PC " Update Section 1.3 " Start with a New Project ". Add new Section 1.5.1 " Palette ". Update Section 2.6 " Customize Project Setting ". Add new Section 2.6.14 " Software Trigger ". Add new Section 2.6.15 " EZConfig ". Update Chapter 3: " Barcode To Setting ". Add new Section 3.11 " Software Trigger ". Add new Section 3.12 " EZConfig ".
1.06	Jan. 8, 2019	Add "Keypad Lock" to 2.6.7 "Button Assignment for RK25 & 9700A"
1.05	July 5, 2018	Add new Section 2.6.7 "Button Assignment for RK25 & 9700A" Modify the "Add Shortcuts" part of Section 2.6.12 " AppLock " Add "For RK25 & 9700A Mobile Computer" to Section 3.4 "Button Assignmenmt" Modify the "Add Shortcuts" part of Section 3.9 " AppLock " Update all related figures.
1.04	June 8, 2018	RK25 Mobile Computer is supported. Add "Captive Portal Detection Enabled" to Section 2.6.8 & Section 3.6: Wi-Fi Setting Update Section 2.6.11 & Section 3.9: "AppLock" Add "Show filtered notifications" to Section 2.6.11: "AppLock". Update all related figures.
1.03	March 26, 2018	Revise the discription about "Update OS Image through SD Card" & "Activate System Update" in Section 1.5: "Main Screen" Add "Advanced" to Section 2.6.8 "Wi-Fi Settings" & Section 3.6 "Wi-Fi Settings" Revise the chapter heading of Chapter 3 from "Stage Tool" to "BarcodeToSetting". Update all releated figures.
1.02	Dec. 21, 2017	Add " Option " part to Section 2.6.11: " AppLock " Add the description about new funtion " Home " to Section 2.6.12: " System Settings " Add new sections (3.2 Auto Run, 3.3 Barcode Reader, 3.4 Button Assignment, 3.7 Cellular Data, 3.8 Terminal Emulation, and 3.9 AppLock) to Chapter 3: "BarcodeToSetting" Update all related figures.

1.01 Dec. 1st , 2017 Revise "**Button Assigment**" to Section 2.6 Add "**System Settings**" to Section 2.6 Add Section 2.7: "Deploy All Settings to Devices" Add Chapter 3: "**BarcodeToSetting**". Update all figures.

1.00 Apr 27, 2017 Initial release

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INTRODUCTION

Android Deployment Configurator (hereafter referred to as **ADC**) is a windows-based project configuration tool, helping you to devise configuration projects for your mobile computers to meet various needs.

ADC features

- Easy management interface for you to create/edit/save multiple projects
- Comprehensive scope of configurable settings to fulfill various requirements:
 - Transferring files (configuration files, applications or any file) from Server to the devices
 - Auto installation of APK files
 - Auto run of your designated applications
 - Configuration of Barcode reader settings, including symbology settings, scanning preferences, notification, data output, etc.
 - Turning On/Off wireless connection such as Wi-Fi, Bluetooth or Cellular data
 - Configuration of Wi-Fi settings by giving SSID, security mechanism used, password, etc.
 - Configuration of cellular data settings
 - Configuration of Terminal Emulation sessions properties
 - Configuration of AppLock by defining the applications allowed as well as showing/hiding notification bar, changing background display, setting up a password to restrict the access, etc.
- > Password protection for critical project management actions
- Allowing for adding additional languages to user interface and customization of wording
- Device settings synchronization over USB connection
- One-at-a-time device deployment over USB connection

GETTING STARTED

This chapter helps you get ready for using this program. If you're running ADC on PC for the first time, everything starts with setting up a project.

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<u>1.1</u> PREREQUISITES

In order for ADC to work on your computer:

- Before installing ADC program on your computer, make sure the operating system is Windows 7 or 8 or 10.
- Your device is already set to **USB debugging Mode**.
- The device is connected to the computer with supplied USB cable. This is essential for data synchronization (of application list, Barcode Reader, Button Assignment, Wireless Manager, and AppLock) and device deployment.

After devising the configuration tasks using ADC program, deploy them to your devices with WMDS program, please:

- Install WMDS Agent on your devices.
- Install WMDS (Wireless Mobile Deployment System) server program on a computer (better on the same computer as ADC program); after you finish devising a project, execute WMDS program and start deploying the configurations to devices. For more details on using WMDS, please refer to the help file embedded in WMDS program.

HOW DO I ENABLE DEBUGGING MODE ON MY DEVICE?

Please follow the steps below to turn on debugging mode on your device:

1) Go to All Apps | Settings | About phone | Build number.

Setti	ngs Q	\equiv Phone status
•	Backup & reset Back up disabled	Model number RS31
Systen	n	Android version 7.0
S	Date & time GMT-04:00 Eastern Daylight Time	Android security patch level August 5, 2017
Ť	Accessibility	Baseband version MOLYLR9.W1444.MDLWTG.IN0C08 735 TR S. NSPVI B1 2017/10/26
•	Printing 0 print jobs	20:49
88	Programmable keys	Kernel version 3.18.35 The Oct 26 21:30:57 CST 2017
¢,	Schedule power on & off	Build number alps-mp-n0.mp1-V1.35.4_inoco8735.tb.s.n_P4
i	About phone Android 7.0	Custom build version RS31.GMS.5020.20171026

2) Tap on Build number seven times to enter Developer mode. During the process, you'll see a prompt with a countdown reading "You are now X steps way from being a developer." When you see "You are now a developer!" showing up, you have succeeded in entering developer mode.

\equiv Phone status	\equiv Phone status
Model number	Model number
RS31	RS31
Android version	Android version
7.0	7.0
Android security patch level	Android security patch level
August 5, 2017	August 5, 2017
Baseband version	Baseband version
MOLY,LR9,W1444,MDLWTG.INOCO8	MOLYLR9.W1444.MD.LWTG.INOCO8
735.TB.S.N.SP.V1.P1, 2017/10/26	735.TB.S.N.SP.V1.P1, 2017/10/26
20:49	20:49
Kernel version	Kernel version
3.18.35	3.18.35
Thu Oct 26 21:39:57 CST 2017	Thu Oct 26 21:39:57 CST 2017
Print number	Build number
You are now 4 steps away from being a	alps-mp-n
developer.	You are now a developer!
Custom build version	Custom build version
RS31.GMS.5020.20171026	RS31.GMS.5020.20171026

3) Return to **Settings** and tap on "{ **Developer options**", switch both **Developer** options and **USB debugging** to "**On**", and tap on "**OK**" on the confirmation window.



1.2 INSTALL ADC PROGRAM ON PC

1) Download ADC program installer from <u>http://wmds.cipherlab.com/</u> to your PC and run it by following its on-screen instructions.



2) Click on "*Install*" to start installing *Android Deploy Configurator*, and the installation will be done within few minutes.



3) The installer will automatically create a desktop shortcut.



Note:

Everytime the ADC program is launched, it automatically checks whether there's any updated version via Internet. For better performance, please keep your ADC program up to date.



1.3 START WITH A NEW PROJECT

 Execute Android Deployment Configurator. From the startup dialog shown below, click on "New Project" to start devising a project.

	😼 Android Deploymen	t Configurator	×
Cancel <	-X	New Project	
	Select an existing p	project:	
	Project Name	Project location	
	_		
	Show dialog at St	artup	

2) On *New Project* window, define the scope of your project and then click on "*Create* " to proceed. Pease make sure you have given the following items as specific definition as possible in order for the projects to be correctly deployed to the devices.

	🚭 New Project		\times
Create	√ X	-> Cancel	
	Project Name	For RK25 Configuration	
	Device Model	RK25	•
	Operating System	Android 7.0	*
	Reader Module	2D Reader (SM2)	•
	Keypad Type	25 Key	-
	UHF RFID		

 Project Name – To achieve efficiency and convenience for management, it is suggested that you input a project name clear enough for you to easily to identify the purpose of this project. Device Model – Select the correct model name of the device(s) for the drop-down menu. By selecting "General (except RS30)", this project will be applicable for all the device models exclude RS30 mobile computers.

🚭 New Project		×
 ✓ X 		
Project Name	New Project	
Device Model	RK25	
Operating System	Deat	\uparrow
	RS31	
Reader Module	RS50	
Keypad Type	RS51	
	9700A	
	Hera51	
	General (except RS30)	
		\downarrow

- Operation System You may need to further select the operating system depending on the device model you select.
- Reader Module If you will include the setting of Barcode Reader properties in this project, please select the reader type here. For "Device Model" which is set as "General (except RS30)", "Reader Module" lists all the reader type for choosing.

😼 New Project		×
~ X		
Drojost Namo		
Floject Name	for RS31	
Device Model	RS31	-
Operating System	Android 7.0	•
Reader Module	2D Reader (SE4500)	•
Keypad Type	None	•

Keypad Type – If you will include the setting of Buttons in this project, please select the corresponding Keypad type here.

🚭 New Project		×
✓ X		
Project Name	Settings for 9700A	
Device Model	9700A	-
Operating System	Android 6.0	-
Reader Module	None	*
Keypad Type	Numeric + Function	•

For "<u>Device Model</u>" which is set as "General (except RS30)", "Keypad Type" lists all the keypad types for choosing. If "None" is selected, the configurable keys listed on "<u>Button Assignment</u>" will be based on RS51 mobile computer.

🗟 New Project		×
✓ X		
Project Name	for all devices	
Device Model	General (except RS30)	*
Operating System	Android	-
Reader Module	None	•
Keypad Type	None	
Keypad Type	None	
Keypad Type	None None 25 Key	
Keypad Type	None None 25 Key 28 Key	
Keypad Type	None 25 Key 28 Key Numeric	
Keypad Type	None 25 Key 28 Key Numeric Numeric + Function	

UHF RFID – By ticking the checkbox of "UHF RFID", you can further configure the settings of the application <u>EZConfig</u> which is for CipheLab RK25 mobile computer to works with RK25 UHF RFID Reader to read RFID tags.

<table-of-contents> New Project</table-of-contents>	×
~ X	
Project Name	For RK25 Configuration
Device Model	RK25 *
Operating System	Android 7.0
Reader Module	2D Reader (SM2)
Keypad Type	25 Key 💌
UHF RFID	

On *Specify your deployment task(s)* list, <u>check ONLY</u> the settings that you wish to be <u>deployed in this project</u>. Click on "*Configure...*" when you finish checking the items and proceed to modify detailed settings (refer to <u>Configurable Deployment Tasks</u>).

Update OS Image			
● ZIP file in SD card ▼	Please specify the directory/location of the image	ge	
O Activate System Update(OTA)			
Specify your deployment task(s)			
All Device Configuration			
☑ File Transfer	✓ Wi-Fi Settings	ZConfig	
✓ Auto Installation	🗹 Cellular Data		
🗹 Auto Run	Terminal Emulation		
✓ Barcode Reader	AppLock		
Button Assignment	System Settings		
Vireless Manager	Software Trigger		
Reboot after Deployment			

3) On *Configure Device Settings* screen, modify device configurations (see <u>Customize</u> <u>Project Configurations</u> for details). When you finish setting, click on "*Apply* ✓" to save the settings and return to Main Screen.

- <u>8</u> c	Configure Device Settings				×	
~	/ 🔀 💽 🎘				Ø	
	File Transfer	Drag-and-drop any file here, or	r click on the Ad	d File button to select file(s).		
	Auto Installation					
	Auto Run					
>	Barcode Reader	File	Location	Destination Path (e.g., Device)		
	Button Assignment	ReaderSettings.json	Internal	/CL_Settings/ReaderConfig		
	Wireless Manager					
>	Wi-Fi Settings	EZConfigSetting.json	Internal	/CL_Settings/EZConfig		
	Cellular Data	TE_settings.json	Internal	/CL_Settings/TerminalEmulation		
>	Terminal Emulation	AutoImport_AppLock.json	Internal			
>	AppLock					
	System Settings					
	Software Trigger					
>	EZConfig					
		÷			\rightarrow	

4) On Main Screen, click on "*Save Project*" to save the project.

Sor RK25 Configuration		×
Android Deployment Conf	igurator	
2 🛎 💾 🛃 🐻 🖆	š 📃 🕑 🔁	🔀 🕄 🗟 🖉
Update OS Image		
● ZIP file in SD card -	Please specify the directory/location of the image	
O Activate System Update(OTA)		-
Specify your deployment task(s)		
All Device Configuration		
☑ File Transfer	☑ Wi-Fi Settings	✓ EZConfig
✓ Auto Installation	✓ Cellular Data	
🗹 Auto Run	Terminal Emulation	
☑ Barcode Reader	AppLock	
✓ Button Assignment	System Settings	
✓ Wireless Manager	✓ Software Trigger	
Robert offer Deployment		

1.4 START WITH AN EXISTING PROJECT

After starting this program, you can load a saved project to make modifications to it. The projects are saved in the designated folder whose default path is *c*:*CipherLab**ADC*.

1) From the startup dialog shown below, double-click on a project or select the project and

then click on "*Open Project* "if you already have some projects.



2) On Main screen, check the configuration types you are about to modify and click on "*Configure...*""

Sor RK25 Configuration		_	×
Android Deployment Config	urator		
2 👛 💾 🛃 🐻 🚔	🔜 🕟 😤	💦 🔒 🐻 🕐 (2
Update OS Image			
● ZIP file in SD card ▼	Please specify the directory/location of the image		
O Activate System Update(OTA)			
Specify your deployment task(s)			
All Device Configuration			
☑ File Transfer	☑ Wi-Fi Settings	Z EZConfig	
Auto Installation	🗹 Cellular Data		
🗹 Auto Run	Terminal Emulation		
✓ Barcode Reader	AppLock		
Button Assignment	System Settings		
✓ Wireless Manager	✓ Software Trigger		
Reboot after Deployment			
Project loaded successfully.			

3) On *Configure Device Settings* screen, modify device configuration. See <u>Customize</u> <u>Project Configurations</u> for details. When you finish setting, click on "*Apply* " to save the settings and return to Main Screen.

- 30	Configure Device Settings				×
~	/ 🗙 💽 🗾 🏣				e
	File Transfer	Drag-and-drop any file here, or	r click on the Ad	d File button to select file(s).	
	Auto Installation				
	Auto Run				
>	Barcode Reader	File	Location	Destination Path (e.g., Device)	
	Button Assignment Wireless Manager	ReaderSettings.json	Internal	/CL_Settings/ReaderConfig	
>	Wi-Fi Settings	EZConfigSetting.json	Internal	/CL_Settings/EZConfig	
	Cellular Data	TE_settings.json	Internal	/CL_Settings/TerminalEmulation	
>	Terminal Emulation	AutoImport_AppLock.json	Internal		
>	AppLock				
	System Settings				
	Software Trigger				
>	EZConfig				
		÷			\rightarrow

4) On Main Screen, click on "*Save Project*" to save the project.

Sor RK25 Configuration		- 🗆 🗙
Android Deployment Configura	ator	
2 🚔 💾 🛃 🐻 🚔 🖉		🔀 🕃 🐻 😧
Update OS Image		
● ZIP file in SD card ▼ Pleas	e specify the directory/location of the image	
O Activate System Update(OTA)		-
Specify your deployment task(s)		
All Device Configuration		
File Transfer	☑ Wi-Fi Settings	✓ EZConfig
✓ Auto Installation	🗹 Cellular Data	
🗹 Auto Run	Terminal Emulation	
🗹 Barcode Reader	✓ AppLock	
✓ Button Assignment	System Settings	
✓ Wireless Manager	Software Trigger	
Debeet offer Deployment		
Reboot after Deployment		

1.5 MAIN SCREEN

After the Startup dialog, you will enter *Main Screen*.

As the figure below, "Main Screen" is devided into 3 parts: Toolbar, Configurable Deployment Tasks, and System Message.

E For RK25 Configuration		- 🗆 X
Android Deployment Cont	figurator	Toolbar
2 👛 💾 🛃 🐻 🖆	š 📃 🕟 🤮	📉 🔒 🐻 🚱 🧇
 Update OS Image ZIP file in SD card Activate System Update(OTA) 	Please specify the directory/location of the image	
Specify your deployment task(s)		
All Device Configuration		
File Transfer	☑ Wi-Fi Settings	Z EZConfig
Auto Installation	Cellular Data	
🗹 Auto Run	Terminal Emulation	
Barcode Reader	AppLock	
Button Assignment	System Settings	
☑ Wireless Manager	Software Trigger	
Reboot after Deployment		
Project loaded successfully.	Configura	able Deployment Tasks

System Message

STATUS BAR & MESSAGES

The status bar at the bottom gives information or feedback after you take an action. Certain critical messages will also show in a pop-up window to catch your attention. If you want to adjust status bar messages timeout or turn off the pop-up messages, see <u>Preferences</u>.

TOOLBAR

	Button	Description
2	New Project	Click to create a new project
78	Open Project	Click to open an existing project
	Save Project	Click to save your current project
2	Save Project As	Click to save your current project to a different project name
6	Project Information	Click to view information about the current project
	Open ADC Folder	Click to open the project folder. You may view, delete or duplicate project files. By default, all projects are saved in <i>C:\CipherLab\ADC</i> , which can be modified in <u>Preferences</u>
	Save to SD Card	Copy a project to an SD card, and you can deploy the project to a device with this card. Please insert an SD card into a card reader and connect it to your PC in advance.
	Deploy	Save and deploy the current project to the connected device via USB connection
ß	Launch WMDS	This icon will appear once WMDS server is already installed on the same computer as ADC program. Click on it to launch WMDS program.
X	Palette	To change the color of ADC background, icons, and borders.
	Security	Click to change security settings if necessary
0	Preferences	Click to change preferences if necessary
?	Help	Click to access either the Help contents or the About information
2	Help Contents	To open the ADC User Guide.

CONFIGURABLE DEPLOYMENT TASKS

 Update OS Image ZIP file in SD card 	 Plea 	ise specify the directory/location of the in	nage	
O Activate System Update(OTA)				
Specify your deployment tas	sk(s)			
All Device Configuration				
✓ File Transfer		☑ Wi-Fi Settings	Z EZConfig	
Auto Installation		🗹 Cellular Data		
🗹 Auto Run		🗹 Terminal Emulation		
✓ Barcode Reader		AppLock		
✓ Button Assignment		System Settings		
Vireless Manager		🗹 Software Trigger		
Reboot after Deployment				

ltem	1	Description
Update OS Image: Zip file in SD card or Zip file from URL		To deploy a project to a device using SD card, remember to check this item and give the file path (*.zip file with <i>sdupgrade</i> in its file name). With the correct file path, the OS image will be stored onto the SD card after you click on " Save current project to SD card ". Please make sure there is enough space on this SD card.
Activate System Update		Upon completion of deployment, the device will automatically check the latest OS image available over the Internet OS image. Please make sure the selected devices are connected to public Internet.
Specify your deployment task(s)		
🗹 All Device Configuration 🗹 Wi-Fi Settings		
🗹 File Transfer	🗹 Cellular Data	It is essential that you be careful with the selection made here, for once
Auto Installation	Terminal Emulation	you check an item, its relevant settings will all be written to the devices;
🗹 Auto Run	AppLock	therefore, by checking "All Device Configuration", you will have all
🗹 Barcode Reader	✓ System Settings	the default settings applied to selected devices.
🗹 Button Assignment 🛛 🗹 Software Trigger		
☑ Wireless Manager	Z EZConfig	
Reboot after Deployment		Upon completion of deployment, the selected devices will automatically start rebooting process.

1.5.1. PALETTE

Palette is for user to customize the color of ADC user interface, including the background, the icons, and the borders.

	😌 Palette		\times
ок 🗕	√ X	> Cancel	
	Background Color	Light 🔎	Dark
	Current palette	Blue	-

- **Vok** Click on "OK" to apply the user interface settings.
- Cancel Click on "Cancel" to close the pop-up window without changing any settings.
- Background Color Click to switch between Light and Dark to change the background color. The default setting is Light.

🚭 For RK25 Configuration		- 🗆 ×		
Android Deployment Configurate	Android Deployment Configurator			
2 👛 💾 🔀 🐻 🚞 星		🚫 🔒 📷 📀 冬		
Update OS Image				
Image: Original Stress Str	pecify the directory/location of the image	0		
Activate System Update(OTA)				
Specify your deployment task(s)				
All Device Configuration				
File Transfer	☑ Wi-Fi Settings	Z EZConfig		
☑ Auto Installation	🗹 Cellular Data			
🗹 Auto Run	Terminal Emulation			
☑ Barcode Reader	AppLock			
☑ Button Assignment	✓ System Settings			
Vireless Manager	✓ Software Trigger			
Reboot after Deployment				
)		

 Current palette – Select the color for the icons and borders from the drop-down menu. The default color is blue.



1.5.2. SECURITY

You can enable the password protection for certain features in this program.

- 1) On Main Screen, click on "*Security* won the top right of Toolbar.
- 2) Enter and confirm your password if you want to enable password protection.
- 3) Click on "*Save* "' to save the setting. This setting will be immediately applied.



- Save Save the settings and close the pop-up window at the same time.
- **Cancel** Directly close the pop-up window without changing any settings.
- Clear Password Clear the field "Enter password (maximun 32 characters)" and "Confirm passoord".

1.5.3. PREFERENCES

On Main Screen, click on "*Preferences* "on the top right of *Toolbar*.

	😼 Preferences	\times	
Save	E Cancel		
	Choose a display language		
	English		
Add 🗲	+ Delete Project location		
	C:\CipherLab\ADC	0-	
	Save log file by project	S -	Clear log
	✓ Show dialog at Startup		
	✓ Pop-up window		
	Status bar messages timeout		
	15 sec		

ltem	Description	
Choose a display language	Choose a display language other than the default English if necessary. You may click "Add" to create your own language or "Edit" to customize wordings. See <u>Multi-language Support</u> .	
Project location	Change your project location if necessary.	
Save log file by project	Decide whether to have logs saved (in ADC program folder) while working on your project. You may click " Clear log " to clear all log files if necessary.	
Show dialog at Startup	Decide whether to show the following dialog when ADC starts. You may de-select the checkbox right inside the dialog or in <u>Preferences</u> .	
Pop-up window	Decide whether to show the status message on the pop-up window.	
Status bar messages timeout	Adjust <u>status bar messages</u> timeout if necessary. See <u>Status Bar & Messages</u> .	

MANAGE PROJECTS

Click on **"Open Project** " on Toolbar to open the project folder. You may view, delete or duplicate project files. By default, all projects are saved in the path *C*:*CipherLab**ADC*, which can be modified in <u>Preferences</u>.

IN THIS CHAPTER

2.1 CREATE A PROJECT

1) From the startup dialog, click on "*New Project* 2" to create a project.

	\delta Android Deployment Cor	figurator	\times
ancel 🔶	X	New Project	
	Select an existing proje	ect:	
	Project Name	Project location	
	For RK25 Configuration	C:\CipherLab\ADC\For RK25 Configuration	
	for RS51	C:\CipherLab\ADC\for RS51	
	<i><</i>		\rightarrow
	🗹 Show dialog at Startu	0	

- 2) If the startup dialog has been dismissed, click on "*New Project 2*" on Toolbar. Define the scope of your project and click on 😼 New Project \times *"Create*✓″. Cancel Create **Project Name** Testing **Device Model RK25 Operating System** Android 7.0 Reader Module None Keypad Type None
 - **Project Name** Enter a name to identify your project.
 - **Device Model** Specify which model will be used in the project.
 - **Operation System** Specify which operating system the model is running.
 - **Reader Module** Specify which barcode reader module is equipped on your device.
 - **Keypad Type** Specify which type of keypad is equipped on your device.
 - ▶ UHF RFID Select whether to configure the settings of the application EZConig which is for CipheLab RK25 mobile computer to works with RK25 UHF RFID Reader to read RFID tags.

2.2 OPEN A PROJECT

1) From the startup dialog, double-click on a project or select a project and click on "*Open*

" if you already have some projects.



2) If the startup dialog has been dismissed, click on "*Open Project* "" on Toolbar.



3) On the project list, double-click on the desired project or select the project and click on



2.3 DELETE A PROJECT

If you want to delete an existing project, please:

1) Click on "*Open Project* ^[2]" on Toolbar.



2) Then, select the project from the project list and click on "Delete

"

	🗟 Open Project2		\times
	🗸 🗙 🕅 T		
	Select an existing p	roject	
	Select all existing p	ojeci.	
	Project Name	Project location	
	For RK25 Configuration	C:\CipherLab\ADC\For RK25 Configuration	
1	for RS51	C:\CipherLab\ADC\for RS51	
	4		2
	×		/

2.4 DUPLICATE A PROJECT 1) To duplicate an existing project, click on "*Open Project* "" on Toolbar. 2) Click on "*Save Project As* ²" on *Toolbar*. 🚭 Save Project As \times Cancel E Save a 3) Change the project scope if necessary, **Project Name** Testing and then save it to a different project Device Model RK25 name. **Browse Operating System** Android 7.0 Click on "*Save* \checkmark " after making Reader Module 2D Reader (SM2) changes to the project scope. Keypad Type 25 Key UHF RFID

4) On Main Screen, modify the configuration settings and click on "*Save* 💾 " on Toolbar to save this new project.



2.5 VIEW PROJECT INFO

If you want to view the summary of the current project, please:

1) Click on "**Project Information 1** on Toolbar.



2) A Project Information window will pop up. You can click on "X" to close it.

😌 Project Infomation		×
Project Name	Testing	
Device Model	RK25	
Operating System	Android 7.0	
Reader Module	None	
Keypad Type	25 Key	
UHF RFID	No	
(\rightarrow

2.6 CUSTOMIZE PROJECT CONFIGURATIONS

Before going into detailed settings of the project configurations, please read carefully through this chapter. In *Specify your deployment task(s)* area, click on "*Configure...*"



2.6.1. CONFIGURABLE SETTINGS

ltem	Description	
All Device Configuration	on Click to select or deselect all device settings	
File Transfer	When the check box is selected with files specified in the configuration, the files will be copied to device while deploying.	
Auto Installation	When the check box is selected with install files (.APK) specified in the configuration, the files will be copied to device while deploying and programs will be installed automatically upon completion of deployment.	
Auto Run	When the check box is selected with executable files specified in the configuration, the programs will be executed automatically when the device restarts.	
Barcode Reader	When the check box is selected with changes made to its configuration, the Barcode Reader settings will be updated to device while deploying. (When you select the Barcode Reader Settings task, it will have the File Transfer task selected as well.)	
Button Assignment	When the check box is selected with changes made to its configuration, the Button Assignment settings will be updated to device while deploying.	
Wireless Manager	When the check box is selected with changes made to its configuration, the Wireless Manager settings will be updated to device while deploying.	
Wi-Fi Settings	When the check box is selected with changes made to its configuration, the Wi-Fi settings will be updated to device while deploying.	
Cellular Data	When the check box is selected with changes made to its configuration, the cellular data settings will be updated to device while deploying.	
Terminal Emulation	When the check box is selected with changes made to its configuration, the Terminal Emulation settings will be updated to device, via file transfer, while deploying. (When you select the Terminal Emulation Settings task, it will have the File Transfer task selected as well.)	
AppLock	When the check box is selected with changes made to its configuration, the AppLock settings will be updated to device, via file transfer, while deploying. (When you select the AppLock Settings task, it will have the File Transfer task selected as well.)	
System Settings	When the check box is selected with changes made to its configuration, the System Settings will be updated to device while deploying.	
Software Trigger	When the check box is selected with changes made to its configuration, the Software Trigger settings will be updated to device while deploying.	
EZConfig	When the check box is selected with changes made to its configuration, the EZConfig settings will be updated to device, via file transfer, while deploying. (When you select the EZConfig Settings task, it will have the File Transfer task selected as well.)	

On *Configure Device Settings* window, the buttons on the toolbar deliver the functions as below:

- 30	Configure Device Settings				×
	/ 🗙 💽 📃 🏣				9
	File Transfer	Drag-and-drop any file here, or	click on the Ado	File button to select file(s).	
	Auto Installation				
	Auto Run				
>	Barcode Reader	File	Location	Destination Path (e.g., Device)	
	Button Assignment	TE_settings.json	Internal	/CL_Settings/TerminalEmulation	
	Wireless Manager	AutoImport Appliackison			
>	Wi-Fi Settings	Autoimport_AppLock.json	Internal		
	Cellular Data	ReaderSettings.json	Internal	/CL_Settings/ReaderConfig	
>	Terminal Emulation	EZConfigSetting.json	Internal	/CL_Settings/EZConfig	
>	AppLock				
	System Settings				
	Software Trigger				
>	EZConfig				
		\			\rightarrow

Item	Description
	Apply: To save the settings and close the Configure Device Settings window.
•	Always remember to click on Apply ✓before you close the Configure Device Settings window.
	Cancel:
	Directly close the Configure Device Settings window without saving any settings.
3	Synchronize with all settings with Device: Instead of working on the device configurations from scratch, you may fetch the current configurations from device by connecting your device to PC via USB connection and clicking on "Synchronize with all settings with Device ³
9	Reset all settings to default: You may also click on "Reset all settings to default ¹ to reset ALL settings if necessary. Please note that, for this synchronization to be carried out successfully, make sure the USB debugging mode on your device is already enabled (refer to <u>How Do I Enable</u> <u>Debugging Mode on My Device?</u>).
	Create 1D barcode: To export and generate the settings as 1D barcodes for your mobile computers to apply the configurations by scanning the barcodes.
	Create 2D barcode: To export and generate the settings as 2D barcodes for your mobile computers to apply the configurations by scanning the barcodes.

After completing configuring the settings details and returning to Main Screen, remember to click "*Save Project* "before exiting this program.

SFor RK25 Configuration		- 🗆 X
Android Deployment Configu	rator	
		📉 🔒 🐻 🕗 🧇
Update OS Image		
● ZIP file in SD card ▼ Ple	ase specify the directory/location of the image	
O Activate System Update(OTA)		
Specify your deployment task(s)		
All Device Configuration		
☑ File Transfer	✓ Wi-Fi Settings	Z EZConfig
Auto Installation	🗹 Cellular Data	
🗹 Auto Run	Terminal Emulation	
Sarcode Reader	AppLock	
☑ Button Assignment	System Settings	
Vireless Manager	✓ Software Trigger	
Reboot after Deployment		
2.6.2. FILE TRANSFER

The specified files will be copied to device while deploying.

1) Drag-and-drop any file(s) to the file list or click "*Add File.*. **D**" to browse your computer to locate the file.

-50	Configure Device Settings				×
•	/ 🗙 💽 📴 🏣				5
	File Transfer	Drag-and-drop any file here, or	click on the Adc	File button to select file(s).	
	Auto Installation	~ ~~~~			
	Auto Run				
>	Barcode Reader	File	Location	Destination Path (e.g., Device)	
	Button Assignment	TE_settings.json	Internal	/CL_Settings/TerminalEmulation	
	Wireless Manager				
>	Wi-Fi Settings	AutoImport_AppLock.json	Internal		
	Cellular Data	ReaderSettings.json	Internal	/CL_Settings/ReaderConfig	
>	Terminal Emulation	EZConfigSetting.json	Internal	/CL_Settings/EZConfig	
>	AppLock				
	System Settings				
	Software Trigger				
>	EZConfig				-
		4		7	

- Add File.. Add the file which is saved in your PC.
- Add URL Add the file from the internet by enter the filename and its link location.

	😼 Add URL	×
ОК	~ X	Cancel
	Filename	screeshot-touch-1-7-4.apk
	File URLs	ySOJQfclD8rC5Ci36P1r_Kl-xJNqwGmSXTUA

- Delete Delete the selected item.
- **Delete All** Delete all the removable items.

2) Click on the **Location** field to choose between the device internal storage or SD card and then the **Destination Path** field to fill in the path to where the file shall be located. Please make sure the path you manually input is valid.

- 30	Configure Device Settings				×
•	/ 🗙 🚱 🧾 🏣				פ
	File Transfer	Drag-and-drop any file here, o	or click on the Ad	d File button to select file(s).	
	Auto Installation	0000			
	Auto Run				
>	Barcode Reader	File	Location	Destination Path (e.g., Device)	
	Button Assignment Wireless Manager	TE_settings.json	Internal	/CL_Settings/TerminalEmulation	
>	Wi-Fi Settings	AutoImport_AppLock.json	Internal		
	Cellular Data	ReaderSettings.json	Internal	/CL_Settings/ReaderConfig	
>	Terminal Emulation	EZConfigSetting.json	Internal	/CL_Settings/EZConfig	
1	System Settings	matomemo.apk	Internal	/Download	
	Software Trigger	screeshot-touch-1-7-4.apk	Internal	/Download	
>	EZConfig				
		4	Please r input he location	make sure the path you ere is the absolute n on the device and has to	÷
			be prec	150.	,
	, 🖸 – Move t	he selected item u	ıp.		

- Move the selected item down.
- 3) Click on **Apply** V before you close the Configure Device Settings window.

2.6.3. AUTO INSTALLATION

With this configuration, the specified files will be copied to device while deploying and the programs will be automatically installed upon completion of deployment.

Before an auto installation takes place on the device, please make sure to exit all the running programs. Otherwise, your programs may not function correctly.

1) Drag-and-drop any file(s) to the file list or click **Add** button **C** to browse your computer to locate the file.

-80	Configure Device Settings			\times
•	/ 🗙 🚱 🧕 🏣			5
	File Transfer	Drag-and-drop any app installa	tion(*.APK) file here, or click on the Add File button to select file(s).	
	Auto Installation	0000		
	Auto Run			
>	Barcode Reader	APK File	Path	
	Button Assignment	matomemo.apk	C:_CipherLab\Tools\apk\matomemo.apk	
	Wireless Manager	screenshot-touch-1-7-4.apk	https://dw.uptodown.com/dwn/FI8mzGZP42M_iYhYUlcy9R6Ov-z7N	
>	Wi-Fi Settings			
	Cellular Data			
>	Terminal Emulation			
>	AppLock			
	System Settings			
	Software Trigger			
>	EZConfig			

- Add File.. Add the file which is saved in your PC.
- Add URL Add the file from the internet by enter the filename and its link location.



- **Delete** Delete the selected item.
- Delete All– Delete all the items.
- Move the selected item up.
- Move the selected item down.
- 2) Click on **Apply** \checkmark before you close the Configure Device Settings window.

2.6.4. AUTO RUN

With this configuration, the specified programs will be executed automatically when the device restarts. During deployment, the new Auto Run app lit will overwrite the previous one. Therefore, if you check "*Auto Run*" item on the *Specify your deployment task(s)* on Main screen, <u>DO remember to configure the Auto Run app list here; otherwise, the previous Auto Run app list on your device will be overwritten by a blank list.</u>

-80	Configure Device Settings			×
•	/ 🗙 💽 📴			🛐 🛐
	File Transfer	Select or specify executable nam	ne and location:	\uparrow
	Auto Installation	File from auto installation		
	Auto Run			
>	Barcode Reader	File from auto installation	Package Name	
	Button Assignment	File from device syncing		
	Wireless Manager	Customer Defined app		
>	Wi-Fi Settings			
	Cellular Data			
>	Terminal Emulation			
>	AppLock			
	System Settings			
	Software Trigger			
		File	Package Name	
				•

Please select the source of the application from the drop-down menu:

- (a) File from auto installation
- (b) File from device syncing
- (c) Customer Defined app

FILE FROM AUTO INSTALLATION

If the source is "**File from Auto Installation**" and the source list is blank, you must configure <u>Auto Installation</u> first. Click on an entry and fill in the package name (please acquire the package name from the application developer). Once you finish, select the File

name and click the **Move Down** 💛 button.

-80	Configure Device Settings					\times
•	/ 🗙 💽 🛅 🏣				63	5
	File Transfer	Select or specify executable nam	ne and location:			\uparrow
	Auto Installation	File from auto installation				
	Auto Run					
>	Barcode Reader	File	Package Name			
	Button Assignment	matomemo.apk		_		
	Wireless Manager	screenshot-touch-1-7-4.apk			,	
>	Wi-Fi Settings			_		
	Cellular Data					
>	Terminal Emulation	_				
>	AppLock	< 3		\rightarrow		
	System Settings					
	Software Trigger					
>	EZConfig	File	Package Name			
						\rightarrow

- Move all the files (on the Auto Installation list) down (to the Auto Run list).
- Over the selected file (on the **Auto Installation** list) down (to the **Auto Run** list).
 - Remove the selected file (from the **Auto Run** list).
- Remove all the files file (from the **Auto Run** list).

FILE FROM DEVICE SYNCING

If your source is "*File from device syncing*" and the source list is blank, you must click on the source with your device first. The small **Sync** button on the right is to synchronize with

to sync with your device first. The small **Sync** button on the right is to synchronize with device for available executable files. Once you finish, select the File name and click the

Move Down

💛 button.

-80	Configure Device Settings			X
•	/ 🗙 🚱 🧕 🎘			
	File Transfer	Select or specify exec	cutable name and location:	^
	Auto Installation	File from device sync	cing - 🔁	
	Auto Run			\uparrow
>	Barcode Reader	lcon File	Package Name	
	Button Assignment	CIPHER LAS	sw.programme.demos	
	Wireless Manager			
>	Wi-Fi Settings	Airlock Bro	owser com.outcoder.ibrowser	
	Cellular Data			
>	Terminal Emulation	BarcodeTo	oSetting com.cipherlab.barcodetosetting	
>	AppLock	< <u>4</u>		\rightarrow
	System Settings			
	Software Trigger			
>	EZConfig	File	Package Name	
		SIP controller	com.sw.android.sipcontroller	

- Move all the files (on the device syncing list) down (to the Auto Run list).
- — Move the selected file (on the **device syncing** list) down (to the **Auto Run** list).
 - Remove the selected file (from the **Auto Run** list).
- Remove all the files file (from the **Auto Run** list).

CUSTOMER DEFINED APP

If your source is "*Customer Defined app*", then you must click *Create*. In the File column, type the filename of the program. In the Package Name column, type the full name of this package (please acquire the package name from the application developer). Once you finish, click on the *Move Down* button.

1	Select or specify executable nam Customer Defined app File	e and location:	
3	Test_v01.app	TestApp)
	<	Package Name com.sw.android.sipcontroller	
	 ✓ 4 ✓ ▲ ✓ ▲	Package Name com.sw.android.sipcontroller	÷

- Create a new "Customer Defined app".
- Delete the selected Customer Defined app (on the Customer Defined app list)
- Move all the files (on the Customer Defined app list) down (to the Auto Run list).
- Move the selected file (on the Customer Defined app list) down (to the Auto Run list).
 - Remove the selected file (from the **Auto Run** list).
 - Remove all the files file (from the **Auto Run** list).

AUTO RUN APP LIST

1) Make sure you have selected the desired items and move them to the Selected Package

List below using *Move Down* button. Only the selected items will be saved to this project and deployed to devices.

-80	Configure Device Settings					×
•	/ 🗙 💿 🗾 🎚	₩ <u></u>				C
	File Transfer	CIPHER	A-Demo	sw.programme.demos		\wedge
	Auto Installation					
	Auto Run		Airlock Browser	com.outcoder.ibrowser		
>	Barcode Reader		BarcadaTaSatting	com ciphorlab barcodotocotting		
	Button Assignment	<u>i</u>	barcoderosetting	contribution of the second sec		
	Wireless Manager	~			\rightarrow	·
>	Wi-Fi Settings	(
	Cellular Data				***	
>	Terminal Emulation	File		Package Name		
>	AppLock	SIP con	troller	com.sw.android.sipcontroller		
	System Settings	Test_v0	1.арр	TestApp		
	Software Trigger	matom	emo.apk	Memo		
>	EZConfig			New Auto Run App List		
		****				•
		<i></i>			-)	
		Delay Tir	me(second) : 0	•		4

- Move the selected file (on the Auto Run list) upward to change its sorting order.
- Move the selected files file (on the Auto Run list) downward to change its sorting order.
- 2) Define the interval of each autorun application in *Delay Time (second)* if necessary.
- 3) Click on *Apply* ✓ before you close the Configure Device Settings window.

2.6.5. BARCODE READER

To synchronize the device settings by ADC, please make sure that the app "*ReaderConfig*" has been launched on the device for at least one time.

-50	Configure Device Settings			Synchroniz	a ta fatch all	
•	/ 🗙 🚱 🗾 🎘			the profiles	in the device.	
	File Transfer			Profile Mana	agement	
	Auto Installation				\uparrow	\ \
	Auto Run	Profile Name	Associa	ated app	Enable	
>	Barcode Reader	Default				
	Button Assignment					
	Wireless Manager					
>	Wi-Fi Settings					
	Cellular Data					
>	Terminal Emulation					
>	AppLock					
	System Settings					
	Software Trigger					
>	EZConfig					
					\checkmark	/

- **New Profile** To create a new profile.
- **Edit Profile** To edit the selected profile.
- Delete Profile To delete the selected profile.
- **Copy Profile** To copy the selected profile and make changes from it.
- Rename Profile To rename the selected profile.

After synchronizing, **Barcode Reader** page lists all the profiles the built-in app "**ReaderConfig**" contains, including the "**Default**" profile which cannot be deleted. You may create a new profile and designate an app as the "**Associated app**" to this profile. With an "**Associated app**", the profile can be enabled, and the "**Associated app**" will receive the decoded data output by "**ReaderConfig**" once the profile is enabled. Multiple profiles can be enabled at the same time.

+ 🖉 🗊 🖸			
Profile Name	Associated app	Enable	\uparrow
Default			
Testing	com.android.chrome		
Profile 1			
Profile 2	sw.programme.signature		
Profile 3	com.android.settings		

PROFILE MANAGEMENT

To create a new profile, click on **"New Profile**" to open **"New Profile**" window, then enter the profile name, and finally click **"OK V**" to create it.



By double-clicking a profile or click on a profile and then click **"Edit Profile** ", the profile detail page is shown. Please go through *Scanner Preferences*, *Notification*, *Data Output*, *1D Symbologies*, *2D Symbologies* and *Profile*. Make changes if necessary, and make sure to

Click on "**Apply** \checkmark " to save the setting before you close the profile detail page and Configure Device Settings window.

			\times
✓ X			
Scanner Preferences	Decode Timeout	3 sec	\uparrow
Data Output	Redundancy Level	Level 1	- •
Notification Settings	Scan Mode	Level	- •
1D Symbologies	Decode Aiming Pattern		_
2D Symbologies			
Profile			
	Addon Redundancy (10)		
	Transmit AIM Code ID		
			>
🚭 Detail			×
			~
√ X			~
Scanner Preferences	Associated app	com.android.chrome -	
Scanner Preferences Data Output	Associated app	com.android.chrome –	
Scanner Preferences Data Output Notification Settings	Associated app	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies	Associated app 📀	com.android.chrome –	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies	Associated app 💽	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app ☑ Profile Enable	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app ✓ Profile Enable	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app Profile Enable	com.android.chrome	
Scanner Preferences Data Output Notification Settings 1D Symbologies 2D Symbologies Profile	Associated app Profile Enable	com.android.chrome	

To delete a profile, simply click on the profile and then click on "**Delete Profile** I".

"Copy Profile " is to copy an existing profile and make changes from it. Please click on the profile and then click on to open "**Copy Profile**" window. Enter a name for the new profile and click "**OK V**" to make a copy.



Note:

An application can be set as the associated app to only one profile. Thus, the "Profile" part will not be duplicated when copying a profile.

To rename a profile, click on a profile and then click **"Rename Profile** "to open "Rename Profile" window. Enter a new name for the profile and click "**OK V**" to change its name.



ENABLE A PROFILE

To enable a profile, you need to assign an "**Associated App**" to this profile beforehand:

1) Open the profile detailed window and go to "**Profile**" tab page.

🔮 Detail				\times
✓ ¥				
· · · ·				
Scanner Preferences	Associated app	None	•	
Data Output	Profile Enable			
Notification Settings				
1D Symbologies				
2D Symbologies	_			
Profile				

2) Select an app from the drop-down menu.

Detail				
X				
Scanner Preferences	Associated app		None	
Data Output	Profile Enable			^
Notification Settings			None	
1D Symbologies			sw.programme.demos	
2D Symbologies			com.outcoder.ibrowser	
Profile			com.cipherlab.barcodetosetting	
			sw.programme.buttonassignment	
		B	com.google.android.calculator	\checkmark

3) Tick the checkbox of "Profile Enable".

-10	Detail			×
\checkmark	× ×			
	Scanner Preferences Data Output	Associated app	ee com.google.android.calculator	
	1D Symbologies			
	2D Symbologies			
	Profile			

4) Make sure to click on **Apply ****"* to save the setting before you close the profile detailed window.

An app can be set as the associated app to only one profile. If the app you would like to select is already assigned to other profile, a prompt appears to remind you about this app is occupied by which profile.

Android	Deployment Configurator	×
8	com.android.chrome is already associcted with profile	
	ОК	

Note:

- (1) The "Default" profile doesn't support "Associated app", please assign "Associated app" to the profile(s) you create.
- (2) Mutiple profiles can be enabled at the same time.

SECURITY

You can set a password to restrict other users of this mobile computer from changing certain configurations or accessing certain functions in the app ReaderConfig. Simply enter "**Security**" tab page under "**Barcode Reader**". Enter and confirm a password and check the items that will be protected by this password.

	File Transfer	Password		
	Auto Installation			
	Auto Run	Enter password (maximum 32 characte	ers)	
4	Barcode Reader	•••••		
ſ	Security	Confirm password		
	Button Assignment	•••••		
	Wireless Manager	Descus descus de la Contensión		
>	Wi-Fi Settings	Password-protected features:		
	Cellular Data	✓ Scanner Preferences	□ Import	
>	Terminal Emulation	🗹 Data Output	Export	
>	AppLock	Enable Reader	✓ Reset	
	System Settings	Notification Settings	✓ New	
	Software Trigger	□ 1D Symbologies	🗆 Сору	
>	EZConfig	□ 2D Symbologies	Delete	

2.6.6. BUTTON ASSIGNMENT (FOR RS30, RS31, RS50, RS51, & HERA51)

With this configuration, you can define the function of the physical keys of your device. The settings will vary by device model. Please note that the virtual keys (soft keys) could not set to be "**Enable wakeup**".

1) Double-click on the Key name to enter more detailed settings.

•	/ 🗙 💿 🔟			
	File Transfer	Key	Enable w	vakeup
	Auto Installation Auto Run	Volume Up Volume Up	_	
>	Barcode Reader	Volume Down		
	Button Assignment	Volume Down	Volum Jp	
	Wireless Manager	Pistol Function	Key Mapping	
>	Wi-Fi Settings	Pistol		
	Cellular Data	Right Function	Category	Select Category
>	Terminal Emulation	Right Scan	Physical key	None
>	AppLock	Soft Back		
	System Settings	Васк		ation
	Software Trigger	Soft Home		auon
		Home	None	· · ·
V	firtual keys could	Soft App Switch		
ľ	not set to be	App Switch (soft key)	O Launch Applica	ation with Intent
"	Enable wakeup"	Soft Search		
		Search		
				Apply Cancel

- 2) If you make any changes on this screen, remember to click on "Apply".
- 3) Click on ***Apply** * before you close the Configure Device Settings window.

					Кеу			
Button	Physical H	Key (Hardv	vare Key)		Virtual Key	(Soft Key)		
Assignment	Volume Up	Volume Down	Pistol Function	Right Function	Soft Back	Soft Home	Soft App Switch	Soft Search (for RS50, RS51, & HERA51)
	Tick the ch to wake th	eckbox to e e device fro	nable press m suspend	ing the key mode.	"Enable Wa	akeup " is dis	able all the t	ime.
Enable Wakeup	"Enable Wakeup" is disable if keycode is set as "None".							
	Select the key categories and the physical key to be assigned to the key from the drop-down menu, and click "Apply " to save the setting							
Кеу	Be sure to click on "Apply to save the setting." Be sure to click on "Apply * " before closing the Configure Device Settings window.							
Mapping								
Launch	Please connect your device with PC in advance, make sure that the debugging mode is enabled (refer to <u>How Do I Enable Debugging Mode on My Device</u> ?), and then proceed synchronization to get the device application list. Select the application to be assigned to the key from the drop-down menu, and click " Apply " to save the setting.							
Applications	Be sure to	click on " A J	pply 🚩 "	before closir	ng the Config	ure Device S	ettings windo	ow.
Launch	Input the i on your de setting.	ntent (the service) to ass	specific inter ign the key	nt string sho to launch a	uld be input b specific appl	eforehand in ication. Click	the configura " Apply " to s	ation xml file ave the
Applications with Intent	Be sure to	click on " A J	pply \star "	before closir	ng the Config	ure Device S	ettings windo	ow.

2.6.7. BUTTON ASSIGNMENT (FOR RK25 & 9700A)

For the device with physical keypad, such as RK25 Mobile Computer or 9700A Mobile Compute, "**Button Assignment**" setting page is as below:

	Configure Device Settings		Synchronize to fetch all the profiles in the device.	×
	File Transfer		> Profile Management	
	Auto Installation	Profile Name	Enable	
>	Barcode Reader	System Profile	0	
	Button Assignment	RK25 Testing	0	
	Wireless Manager	Profile 1	۲	
>	Wi-Fi Settings	profile 2	0	
	Cellular Data	Profile 3	0	
>	Terminal Emulation			
>	AppLock			
	System Settings			
	Software Trigger			
>	EZConfig			
			÷	

Button Assignment page lists a "**System Profile**" which is fixed in the first row. A profile contains definitions of key behavior or actions. Only one profile can be active at a time.

The key behavior of your device is based on the "**System Profile**" which cannot be deleted. You can change the definitions of key behavior or actions of the System Profile by:

- 1) Redefining the key behavior.
- 2) Setting a profile as system profile, and the key behavior or actions of the System Profile will change.

PROFILE MA	ANAGEMENT		
Item	Description	Figure	
New Profile	Create a new profile.	S New Profile	×
+	Enter a profile name and click " OK to create it.	Enter a name for the new profile New Testing	
Edit Profile	Change the definitions of key behavior or actions of the selected profile. Please refer to <u>Editing Profile</u> for details.	Profile 1 ✓ ✓ Icon Key Enable 1 ✓ 2 ✓ 3 3 ✓ 4 ✓ ✓ 5 ✓ ✓ 6 ✓ ✓	×
Delete Profile	Delete the selected profile. Please note that the active profile & the System Profile cannot be deleted. Click " Yes " to confirm deleting.	Delete Profile × This action cannot be undone. Yes No	
Copy Profile	Copy an existing profile and make changes from it. Enter a name for the new profile.and click " OK " to make a copy.	 Copy Profile Copy Profile Enter a name for the new profile Testing 2 	×
Rename Profile	To rename an existing profile. Enter a new name for the selected, and click " OK " to change its name.	 Rename Profile Rename Profile Enter a new name for the profile Profile 5 	×



You can create different profiles for differnet work enviroments, and only one profile can be active at a time.

Click the radio button \bigcirc on the right of a profile to make the profile active.

Make sure to click \checkmark to make the key behavior of the "**System Profile**" change to be the same with the active profile.

Be sure to click 💙 to make the key behavior of the "System Profile" change. Sconfigy Device Settings \times อ File Transfer Auto Installation \uparrow Enable **Profile Name** Auto Run System Profile Ο > Barcode Reader RK25 Testing Ο **Button Assignment** Profile 1 Wireless Manager profile 2 0 Wi-Fi Settings > Click on the radio button 🧿 Ο Profile 3 Cellular Data to make this profile active. Terminal Emulation > AppLock > System Settings Software Trigger EZConfig >

EDITING PROFILE

"Edit "is for users to change the key functions of the physical keys to meet their needs. To assign a new function for a re-definable key, please:

1) Click on a profile and then "**Edit** ", or click twice on a profile to list all the keys it contains.

		SRK25 Testing	×
Profile Name	Enable		
Suctam Drafila		Icon Key	Enable
RK25 Testing			
Profile 1	0	2 ²	
profile 2	0		
Profile 3	0	3	
		4 4	
		5	2
		6	

2) Click twice on the key that you'd like to assign a new action.

😤 RK25 Testing		×	SRK25 Testing X
✓ X 5			 ✓ X □
Icon Key	Enable	†	3 ³
1 ¹			Key Mapping
			Category Select Category •
2 ²			Physical key None
3 ³			
4			A-Demo
5			O Launch Application with Intent
6		\downarrow	Apply Cancel
÷	\rightarrow		

ltem	Description
Key Mapping	Click the radio button to select " Key Mapping " to map the selected key to another key.
Launch Application	Click the radio button to select " Launch Application " if you'd like to launch an app with a key press. Please synchronize to fetch the applications in your device beforehand.
Launch Activity with Intent	Click the radio button to select "Launch Activity with Intent" if your app supports launch by intent in its mainfest.

Key Mapping

Click the radio button to select "Key Mapping" to map the selected key to another key:

- 1) Expand the pull-down menu and select the key type.
- 2) Select the key function you would like to assign, and click on "Apply".

🚭 RK25 Testing		×	🚭 RK25 Testing	×
			🗸 🗙 🖻	
3 3			3	
• Key Mapping			Key Mapping	
Category	Select Category		Category	Modifier Keys
Physical key	Select Category	^	Physical key	Left Shift
	Editing Keys			Left Shift
O Launch Application	Function Keys		O Launch Application	Right Shift
A-Demo	Modifier Keys		A-Demo	
	Navigation Keys			
O Launch Application with	Numbers		O Launch Application with	n Intent
	Punctuations marks	\downarrow		
	Apply Cance	el		Apply Cancel

If a desired key is not listed, you can still map the key by entering the key code defined in the Android operating system:

1) Expand the pull-down menu and select Miscellaneous, and then select "User-defined".

🚭 RK25 Testing	×	🚭 RK25 Testing	×
🗸 🗙 🖻		🗸 🗙 🖻	
2 ²		2 ²	
Key Mapping		• Key Mapping	
Category	Miscellaneous	Category	Miscellaneous
Physical key	Function Keys	Physical key	User-defined
Enter key code	Modifier Keys	Enter key code	Default
O Launch Application	Navigation Keys	O Launch Application	User-defined
🛲 A-Demo	Numbers	A-Demo	~
	Punctuations marks		
O Launch Application with	Miscellaneous	C Launch Application with	h Intent
	ψ		
	Apply Cancel		Apply Cancel

2) Input key code, and click on "Apply"

🗐 RK25 Testing		×
✓ X 5		
2 ²		
• Key Mapping		
Category	Miscellaneous	
Physical key	User-defined	
Enter key code	68	
O Launch Application		
O Launch Application with	Intent	
	Apply	Cancel

Make sure to click on "**Save** " button after profile editing is done.

Launch Application

Click the radio button to select "**Launch Application**" if you'd like to launch an app with a key press.

Expand the pull-down menu for the entire applications list and select the app you would like to assign.

🚭 RK25 Testing		×	🚭 RK25 Testing		×
 ✓ X I <			✓ X 🗉		
4			4		
O Key Mapping			O Key Mapping		
Category	Select Category	~	Category	Select Category	
Physical key	None	~	Physical key	None	-
Enter key code			Enter key code		
A-Demo			EZConfig	n with Intent	-
Contacts		4			
 Drive 				Apply	Cancel
Enterprise Keypad M	lode				
EZConfig					
🔊 File Manager		\checkmark			

Make sure to click on **Save** button after profile editing is done.

Launch Application with Intent

In order to support launch by intent in your app, you need to add an intent-filter action in your app's AndroidManifest.xml file. The following example uses "**cipherlab.intent.action. Test**" as the name of the intent to be launched.

<activity< th=""></activity<>
android:name=".MainActivity"
android:label="@string/app_name" >
<intent-filter></intent-filter>
<action android:name="android.intent.action.MAIN"></action>
<action android:name="cipherlab.intent.action.Test"></action>
<category android:name="android.intent.category.LAUNCHER" /></category

Click the radio button to select "**Launch Activity with Intent**" and enter "**cipherlab.intent.action.Test**" then click on "**Apply**" button. Once the action is set, your application can be launched with a key press.

🚭 RK25 Testing		×
5		
O Key Mapping		
Category	Select Category	~
Physical key	None	~
Enter key code		
O Launch Application		~
Launch Application wi	th Intent st	
	Apply	Cancel

Make sure to click on "**Save** \checkmark " button after profile editing is done.

Enabling/ Disabling a Key in Profile

To enable or disable a key in a profile, simply select the profile to list all of its keys and tick/ untick the checkbox next to the key you'd like to enable or disable:



- **Save** Save your change of the key functions or enable/disable keys.
- **Cancel** Directly close the window without saving any change.
- Reset Restore the key functions to the default.

Make sure to click ✓ on "**Configure Device Setting**" screen to make the key behavior of the profile changed.

Keypad Lock

For the device with physical keypad, you can lock the physical keys by pressing **Shift** key and then **Backspace** key to avoid pressing the keys accidentally. If you would like to enable or disable the keypad lock function, you can:

- 1) Click on a profile and then "Edit" , or click twice on a profile to list all the keys it contains
- 2) Scroll to find "Keypad lock".
- 3) Click on the checkbox next to "**Keypad lock**" **(a)** to tick or untick it.

🚭 RK25 Testing		\times
🗸 🗙 💽		
Icon Key	Enable	1
Left (fn mode)		
Right (fn mode	e) 🔽	
Back (soft key))	
Home (soft key	y) 🗹	
App Switch (so	oft key) 🗹	
Keypad lock		\downarrow

4) Make sure to click on "**Save** \checkmark " button after you change the key functions or

enable/disable keys, and click ****** on ***Configure Device Setting**" screen to make the key behavior of the profile changed.

Note:					
The three soft keys, Back Keypad lock is enabled.	⊲	, Home	0	, and App Switch	, are never locked even if

2.6.8. WIRELESS MANAGER

1) Make changes if necessary. Click on the switch to turn on (or turn off) one or all wireless signals.



2) Click on ***Apply** * before you close the Configure Device Settings window.

2.6.9. WI-FI SETTINGS

 Click on "Add" to add a new wireless profile and fill in the necessary fields. Click on "Apply" to save the settings.

-50	Configure Device Settings				×
•	/ 🗙 💿 🔟 🏢				5
	File Transfer				
	Auto Installation Auto Run	Network Name (SSID)	12F	^	
>	Barcode Reader	Security	WPA/WPA2 PSK	-	
	Button Assignment	Show advanced options	•••••	-	
>	Wireless Manager Wi-Fi Settings	Proxy	None	• -	
	Cellular Data	IPv4 settings	DHCP	-	
>	Terminal Emulation	Apply Cancel			
>	AppLock System Settings				
	Software Trigger				
>	EZConfig				
				Ļ	

- Add To add a new wireless profile.
- **Edit** To edit the selected wireless profile.
- Delete To delete the selected wireless profile.

For **IPv4 settings**, you can choose for the device to obtain an IP address via DHCP. Your device IP addresses may be automatically assigned if DHCP is enabled on the adapter.

2) Click on ***Apply *** before you close the Configure Device Settings window.

ADVANCED

Unfold "**Wi-Fi Settings**" and click "**Advanced**" option, the advanced Wi-Fi settings page is shown to deliver the following functions:

	File Transfer	Network Notification		
	Auto Installation	Keep Wi-Fi on during sleep	Always	*
	Auto Run	Wi-Fi frequency band	Automatic	*
>	Barcode Reader	✓ Roaming Enable		
	Button Assignment	Roaming trigger	-70 dBm	•
	Wireless Manager	Roaming delta	5 dBm	•
L	Wi-Fi Settings	Background scan interval	per 15 seconds	•
	Advanced	Set Country Code	Auto	•
	Cellular Data	Miscellaneous		
>	Terminal Emulation	Captive Portal Detection Enable		

Item	Description
Network Notification	Notify when an open network is available.
Keep Wi-Fi on during sleep	Set when to turn Wi-Fi on during sleep.
Wi-Fi Frequency band	Select the Wi-Fi Frequency band from Automatic, 5GHz only, and 2.4 GHz only.
Roaming Enable	Select whether to enable Wi-Fi roaming or not.
Roaming trigger	The signal strength when triggering Wi-Fi roaming. The higher value means the sensitivity of triggering roaming is higher.
Roaming delta	The qualification for roam candidates. The higher value means the signal strength of candidate APs should be higher than the current connected AP.
Background scan interval	The frequency of background scan when the device does not connect to the Internet. The shorter time means the scanning frequency is higher.
Set Country Code	Select the Wi-Fi country code for your device. The default country code setting is automatically set by the SIM card inserted in your device.
Captive Portal Detection Enable	Select whether to enable "Captive Portal Detection" whose feature is to prevent your device from automatically reconnecting to a network without internet.

2.6.10. CELLULAR DATA

Cellular Data is for configuring your cellular data network:

	Configure Device Settings			\times
•	/ 🗙 💿 🛐 🏣			5
	File Transfer	+ / 🖻		
	Auto Installation			
	Auto Run	Entry Name	Access Point Name	
>	Barcode Reader	123	Internet	
	Button Assignment			
	Wireless Manager			
>	Wi-Fi Settings			
	Cellular Data			
>	Terminal Emulation			
>	AppLock			
	System Settings			
	Software Trigger			
>	EZConfig			
	, 🕂 Add –	To add a new cellu	lar data network.	
	, 🖉 Edit -	To edit the selected	d cellular data network.	
) 🗵 Delete	- To delete the se	lected cellular data network.	

- Move the selected cellular data network upward to change its sorting order.
- Move the selected cellular data network downward to change its sorting order.



2) If you have more than one entry, ONLY the one at the top of the list will be activated.Make sure you move the desired APN settings to the top by clicking

+ 🖉 🗷		
Entry Name	Access Point Name	
123	Internet	
ABC		
	Select the desired APN setting and move it by clicking or .	

3) Click on ***Apply *** before you close the Configure Device Settings window.

2.6.11. TERMINAL EMULATION

Before you perform the synchronization by ADC, make sure Terminal Emulation has been launched on the device for at least one time.

1) Choose one host profile to set as an active profile. You can double-click on a host to enter the settings page of that specific host profile.

🚭 Configure Device Settings					\times	
🗸 🗙 💽 🧮					2	
File Transfer	Select a Host for TE default connection			^		
Auto Installation	Session 1 : 192 168 1 100			_		
Auto Run	Session 1: 192.168.1.100					
> Barcode Reader	Session2 : 192.168.1.100					
Button Assignment	O Session4 : 192.168.1.100					
Wireless Manager	O Session5 - 192 168 1 100					
 Wi-Fi Settings 						
Cellular Data	Screen Orientation					
- Terminal Emulation	Screen Orientation Keen Partrait					
Session1 : 192.168.1.100						
Session2 : 192.168.1.100	Access Control					
Session 4 : 192 168 1 100	Enter password			_		
Session5 : 192.168.1.100	Enter password Enter password					
> AppLock	Confirm password		rd			
Custom Cattings	Select to apply password protection					
	Cat Cancer Orientation			~		
Configure Device Settings	ີ່ດາວ				×	
🗸 🗶 🔝 📖					5	
File Transfer	Host Profile Emulation Settin	gs Network	Debug			
Auto Installation	Emulation Type		VT 100	•		
Auto Run	IP Address		192 168 1 100			
> Barcode Reader	Port		322	6		
Button Assignment			23			
Wireless Manager	Auto Connect					
Wi-Fi Settings	LI Auto Sign On					
Cellular Data	Login Name		guest			
- Terminal Emulation	Login Password	Enter password				
Session1 : 192.168.1.100	Login Prompt(VT Only)	Login:				
Session2 : 192.168.1.100	Password Prompt(VT Only)	Password:				
Session4 : 192 168 1 100	Term Login(VT Only)	Tab	~	,		
Session 5 : 192 168 1 100						
Appl ock						
Custom Cottingo						
\leftarrow \rightarrow						

2) Click on ***Apply *** before you close the Configure Device Settings window.

Note:

Emulation Settings involve key mapping with the physical keys of the device, thus the settings will vary by device model.

2.6.12. APPLOCK

For AppLock configuration, synchronize settings with your device first so that the applications and system settings can be imported to the white page. Please make sure AppLock application has been launched on the device for at least one time before you perform the synchronization.

€ (•	ionfigure Device Settings		Synchroniz AppLock setti	ze to fetch the ngs in the devi	ce.
>	File Transfer Auto Installation Auto Run Barcode Reader Button Assignment	Allowed Apps	Auto Start Apps	Recent Apps Whitelist	
× ×	Wireless Manager Wi-Fi Settings Cellular Data Terminal Emulation				
>	Options System Settings Software Trigger EZConfig				
	onfigure Device Settings				X
•	File Iransfer		•		<mark>9</mark> §
	Auto Installation		Auto Start Apps	Recent Anns Whitelist	^
>	Auto Run Barcode Reader	A-Demo			
	Button Assignment	BarcodeToSetting			
>	Wi-Fi Settings	Enterprise Keypad Mo	de 🗌		
>	Cellular Data Terminal Emulation	EZConfig			
>	AppLock	ReaderConfig			
	System Settings Software Trigger	Signature Capture			
>	EZConfig	SIP controller			
		SoftwareTrigger			

ADD PACKAGE NAMING RULE

"Add Package Naming Rule" is for administrator to set the naming rule to prescribe which apk (Android application package) can be manually installed by users and automatically added to "Allowed apps list" after installation.

By adding your package naming rule, if users try to install the apk which doesn't match the rule, it will be blocked.

1) Click on **`Add Package Naming Rule** to open the **`Package naming rule white list**" window:


ADD APP & SHORTCUT

 Click on "Add App ", choose "Create a new App item" to input app information. Or choose "Select an existing app item" to select from your desired apps. Click on "Apply" to save the settings.

- 10	Configure Device Settings			×
•	/ 🗙 💿 🔟 🎘			٩
	File Transfer			
	Auto Installation	Create a new App item		*
	Auto Run			
>	Barcode Reader	Name	Memo	
	Button Assignment	Package Name	[Example] com.android.app	
	Wireless Manager	Activity	[Example] com.android.app.MainActivity	
>	Wi-Fi Settings	\bigcirc Select an existing App item	n in the second s	
	Cellular Data	🔽 🖙 A-Demo		\uparrow
>	Terminal Emulation	🗆 🦱 Airlock Browser		
>	AppLock			
	System Settings	BarcodeToSetting		
	Software Trigger	🗆 🎬 Button Assignment	t	
>	EZConfig	🗆 <table-cell-rows> Calculator</table-cell-rows>		
		Colondar		
		Calendar		\downarrow
		Apply Cancel		

2) To add shortcuts to settings, click on "Add

Shortcut *(i)*, select the item and then click on **Apply** to save the settings.



3) Back to the previous page, define if the chosen apps are going to be the **Auto Start Apps** or on **Recent Apps Whitelist**:

Allowed Apps	Auto Start Apps	Recent Apps Whitelist
A-Demo		
BarcodeToSetting		
Enterprise Keypad Mode		
EZConfig		
ReaderConfig		
Signature Capture		
SIP controller		
SoftwareTrigger		

ltem	Description
Auto Start Apps	Making the desired App(s) to automatically start when AppLock is launched on the mobile computer.
Recent Apps Whitelist	Selecting the applications to retain in the recent apps list.

4) Double-click on the app you would like to edit to open its "**Detail**" window:

Allowed Apps	Auto Start Apps	Recent Apps Whitelist	1
A-Demo			
BarcodeToSetting			
Enterprise Keypad Mode			
EZConfig			
ReaderConfig			

	tail ×
A-De	emo
sw.p	rogramme.demos.ui.activity.MainActivity
Labe	21
A D-	
	Hide icon on AppLock desktop
	Screen pinning: Launch this app in screen pinning Mode. It requires Long press Back key and input the

In "**Detail**" window, you may:

ltem	Description
Apply	To click on Apply to save the settings and close the "Detail" window at the same time.
Delete	To delete the application from "Allowed Apps" list and close the "Detail" window at the same time.
Cancel	To directly close the "Detail" window without saving any changes.
Label	Input the new name for this app in the blank under Label to rename this app.
Hide icon on AppLock desktop	Determine whether this app on Allowed Apps list is visible in AppLock main screen. With "Hide icon on AppLock desktop" enabled, this app will not be shown AppLock main screen, but it is still operational as other apps displayed on Allowed Apps view.
Screen Pinning	Apps with "Screen Pinning" enabled cannot be exited or closed by tapping any hardware buttons in your devices or by any means, even if the application itself offers the quit/exit/leave function. The only way to unpin the screen-pinned application is to long press Back button and then input the admin password in the "Unpin Application" pop-up window.

5) Continue to finish advanced settings under **Options** if necessary.

- Sec. 1	Configure Device Settings		×
•	/ 🗙 💿 🧕		
	File Transfer	Notification Bar	↑
	Auto Installation		
	Auto Run	Show Notification Bar	
>	Barcode Reader	Enable Notification Bar	
	Button Assignment	Show filtered notifications	
	Wireless Manager	Heads-up notifications	
>	Wi-Fi Settings		
	Cellular Data	Display	
>	Terminal Emulation	Wallpaper 🗸	
-	AppLock		
	Options	Logo ~	
	System Settings	Home screen text color	
	Software Trigger	Home second exection	
>	EZConfig		
		Security	
		Set Login Password	\downarrow

6) Click on ***Apply *** before you close the Configure Device Settings window.

OPTIONS – NOTIFICATION BAR

Notification Bar		
✓ Show Notification Bar		
Enable Notification Bar		
Show filtered notifications		
Heads-up notifications		

Show Notification Bar

Select whether to show the notification bar on the top of the screen of your device when the Home app is set to be AppLock. Use the notification bar to check battery status, wireless connection status, and system notifications.

Enable Notification Bar

Select whether to enable the notification bar of your device when the Home app is set to be AppLock. If it is enabled, the notification bar could be slid down to check & manage system notifications and open **Quick Setting Menu**. Also, all the notifications on the lock screen will be shown. If it is disable, the setting of "**Show filtered notifications**" takes control whether to block the notification bar and to show the notifications on the lock screen.

Show filtered notifications

"Show filtered notifications" is to determine whether showing the notifications of allowed apps, and this function only works when "Enable Notification Bar" is off. When "Show filtered notifications" is enabled, the status bar could be slid down to reveal notification drawer for checking the notifications from allowed apps only. The quick settings panel is unavailable as well as the quick setting tiles on it.

Heads-up notifications

Select whether to enable the head-up notifications to pop-up in your device when the Home app is set to be AppLock. If not, only notification icon will be shown in the notification bar. Please note that "Heads-up notifications" is not supported for RS30 mobile computer.

	Enable Notification Bar	Enable Notification Bar <u>OFF</u>		
	<u>ON</u>	Show filtered notifications ON	Show filtered notifications OFF	
Notification Bar	Notification bar can be slid down.	Notification bar could be slid down to reveal notification drawer.	Unable to slide down the notification bar.	
Lock Screen	All notifications on the lock screen will be shown.	Only the notifications from Allowed apps will be shown.	No notifications will be shown on lock screen.	

Note: The function "Heads-up notifications" is not supported for RS30 mobile computer.

OPTIONS - DISPLAY				
Display				
Wallpaper	~			
Logo	~			
Home screen text color	~			

Click on each items to expand the subcategory for more settings:

Wallpaper

Select whether to **Use system wallpaper**. If not, you could set **Portrait Wallpaper** & **Landscape Wallpaper**. Please browse the wallpaper (bmp file, jpg file, or png file) from your PC or input URL directly, and designate the path (device internal storage or SD card) to save it to.

Display	Select and click on to
Wallpaper	select to input URL directly.
Portrait Wallpaper Image path	· •
- Device path - Landscape Wallpaper	
Image path Device path	<u> </u>
Logo	
Home screen text color	Select 🔽 to save the wallpaper in device internal storage, or
	select unit to save it in SD card.

ltem	Description	
3	Select the file from PC.	
	Input the URL to download the file.	
Q	Save the file in device internal storage.	
- i III	Save the file in SD card.	
	To browse through the PC folder to find the file.	

Logo

By ticking the checkbox "**Enable**", you can set the Logo to be shown in the main screen of AppLock.

Please browse the Logo (png file) from your PC or input URL directly, and designate the path (device internal storage or SD card) to save it to.

The Image Height could be set from 1 pixel to 270 pixels.

Display	
Wallpaper	Select and click on to browse through PC folders, or
Logo	
Enable Portrait Logo	select and to input one directly.
Image path	
Device path	
Landscape Logo	
Image path	
Device path	Select U to save the wallpaper
Image height	in device internal storage, or
Home screen text co	select to save it in SD card.

ltem	Description
9)	Select the file from PC.
	Input the URL to download the file.
Ģ	Save the file in device internal storage.
- im	Save the file in SD card.
	To browse through the PC folder to find the file.
$\bigcirc \bigcirc$	Tune up the value of "Image Hight" whose range is from 1 pixel to 270 pixels.

Home screen text color

The default text color displayed on AppLock home screen is white whose RGB color is (255,255,255) and the color hex is #FFFFF.

Click on "**Change**" to open "**Color Settings**" window where you can change the text color on AppLock home screen by dragging the RGB color sliders or directly input the color hex triplet (hexcode) to designate your home screen text color.

Make sure to click on "**OK V**" to save the settings.

D	isplay	
	Wallpaper	~
	Logo	~
	Home screen text color	^
	Color Settings	
•	Color Settings	×
		255
		255
		255
	# FFFFF	

PTIONS - SECURITY	
Security	
Set Login Password 🤠	> Change
Show Password	
Monitoring App installation	on
Set Login Password	
Click " Change " button to ope AppLock admin.	n "Configure Password" window to set the login password
To make the inputted passwork Password " window.	ord visible, please tick up "Show Password" in "Configure
Make sure to click on " OK 💙	" to save the password setting.
Configure Password X	🗟 Configure Password 🛛 🗙
🗸 🗙 ≽	✓ X ≥
nter password	Enter password 123456
onfirm password	Confirm password
Show Password	Show Password
	Description
OK: Save the settings and close t	he "Configure Password" window.
Cancel: Directly close the "Config	gure Password" window without saving any setting change

Show Password

Select whether to show the entered password when logging in AppLock Admin mode.

Monitoring App Installation

Tick up to enable "**Monitoring App Installation**" which restricts AppLock users from installing any apk of the apps excluded from the "Allowed App" list.

The default setting of "Monitoring App Installation" is disabled. Users can install the apk of the disallowed app, but the app cannot be launched.

OPTIONS - ASSIST APP, REMOVE LOCKSCREEN ICONS, & USB CONNECTION ALLOWED

Choose assist app	None	*

- Remove Lockscreen Icons
- ✓ USB Connection Allowed

Assist App

Please synchronize with your device first to get the Assist app list from the device to ADC Client.

"Choose the assist app" from the drop-down menu, and the selected assist app could be opened by no matter Admin or users with long press Home button on the device when the Home app is set to be AppLock.

Remove Lockscreen Icons

Tick the checkbox to make the app shortcut on the Lockscreen of your device to be hidden.

USB Connection Allowed

If "**USB Connection Allowed**" is enabled, the device is visible from PC client when it is connected with PC by USB cable, whereas it is invisible if "**USB Connection Allowed**" is unticked.

2.6.13. SYSTEM SETTINGS

In "**System Settings**" screen, click on each items to expand the subcategory for more settings:

Home	Launcher3	
Display		~
Brightness level (80)		Select and click on 💿 to
Adaptive brightness		browse through PC folders, or
Use system wallpaper		select 🚺 to input URL directly
Image path		
Device path		
Sleep	1 min	Select 😈 to save the wallpaper
Font Size	Normal	in device internal storage, or
Display Size	Default	select to save it in SD card.
🗹 Auto-rotate screen		

ltem	Description
9	Select the file from PC.
6	Input the URL to download the file.
Q	Save the file in device internal storage.
-111	Save the file in SD card.
	To browse through the PC folder to find the file.

• Home

Select Launcher or AppLock to be Home app.

Brightness level

Dragging the slider to the right to increase brightness, or left to reduce brightness.

Adaptive brightness

Select whether adjust the device backlight automatically with the mobile computer's built-in sensor by tick or untick.

Use system wallpaper

Select whether to use the system wallpaper or not.

Image path

If "Use system wallpaper" is unticked, you could select the wallpaper (file in bmp., jpg., or png. format) from PC by click browse button, or directly input URL.

Device path

If "Use system wallpaper" is unticked, please input the designated path in device to save the wallpaper from PC client.

Sleep

Select the time lapse for screen timeout.

Font Size

Select the font size between Small, Normal, Large and Largest.

Display Size

Select the display size from Small, Default, and Large.

Auto-rotate screen

Select whether to enable automatically screen rotation when the device is turned sideways.

Battery

Select whether to enable "Battery protection mode".

Battery

Battery protection mode

RSONAL		
Personal		
Location		^
GPS		
Mode	High accuracy	-
Security		~
Language & Input		~

Location

By ticking up "GPS", you could further select the mode between "High accuracy", "Battery saving", and "Device only".

Security

Select "None", "Swipe", "PIN", or "Password" for Screen lock. By choosing "PIN" or "Password", you could further input password and confirm it in the fields below.

Screen lock	PIN	-
PIN	Enter password	Select "PIN" or "Password",
Confirm PIN	Confirm password	and input your PIN/passwor and confirm it.
	PIN must be at least 4 digits.	

Ticking up "Unknow Sources" will allow installation of apps from unknown sources.

Language & Input

Language & Input			^
Language	English (United States)	•	
Spell Checker			

Select the desired system language.

By enabling "Spell Checker", a list of suggested words will be shown as you type on your device.

ystem		
Date & time		^
Automatic date & time	Use network-provided time	•
□ Automatic time zone		
Set date	Pick Date 7/30/2019	
Set time	1:24 PM	O
Select time zone	London	.
Use 24-hour format		

Automatic date time

By turning **Off** this function, you could manually set the date & time.

Automatic time zone

By unticking this function, you could manually select the time zone.

Set date & time

Manually set the date & time.

Select time zone

Manually select the time zone.

Use 24-hour format

By ticking this option, time format will convert from 12-hour to 24-hour.

NTP Server

Input the address of the NTP server, and make your devices automatically synchronize with this designated NTP server.

2.6.14. SOFTWARE TRIGGER

"**Softeware Trigger**" is an application which serves as a real trigger key on your device, and it floats on top of all other programs for convenient trigger control of the barcode scanner.

Settings			
🗆 Enable			
Size	Medium	•	
Auto start software trigger after startup			

Enable

Tick up to enable "Softeware Trigger" on the deices.

Size

Resize the **Software Trigger** virtual button by selecting between **"Small"**, **"Medium"**, and **"Large"**.

The default setting is "Medium".

• Auto start software trigger after startup.

Select whether to automatically start "Softeware Trigger" on device boot up.

Make sure to click on **"Apply ***" before you close the Configure Device Settings window.

2.6.15. EZCONFIG

EZConig is a built-in UHF RFID application which is for CipheLab RK25 mobile computer to works with RK25 UHF RFID Reader to read RFID tags.

- 🔁 (Configure Device Settings					\times
•	/ 🗙 💿 🧾 🏣					0
	File Transfer	Notification Settings	Scan Settings	Decodeing Scheme	Fliter	
	Auto Installation	Visual Indicator				
	Auto Run	Low Battery LED				
>	Barcode Reader	Beeper				
	Button Assignment	Beep when good read	Sound 1		.	
	Wireless Manager	Low Battery Beep				
>	Wi-Fi Settings	Temperature Warning				
	Cellular Data					
>	Terminal Emulation					
>	AppLock					
	System Settings					
	Software Trigger					
-	EZConfig					
	Security					

Go through each tab page for detailed settings, and set the password in "**Security**" under "**EZConfig**" to restrict other users from changing certain configurations or accessing certain functions in EZConfig on the device.

Password					
Enter password (maximum 32 characters)					
•••••					
Confirm password					
•••••					
Password-protected features:					
Import					
Export					
✓ Factory Reset					
Update Firmware					

Password

Enter and confirm your password for **EZConfog**.

Pasword-protected features

Tick up the checkbox of the functions to be protected by the password to make the selected functions to be unavailable after you log out **EZConfig**.

To access the protected functions, please log in with the password.

2.7 DEPLOY ALL SETTINGS TO DEVICES

Once you finish configurating all the settings, please follow the steps to proform the deploying:

1) Connect your devices with your PC. Please make sure that the debugging mode is enabled. (Please refer to <u>How Do I Enable Debugging Mode on My Device</u>?)

2) Click the Deploy 🕑 butto	n:
🔁 Testing	- 🗆 X
Android Deployment Configurat	or
2 👛 💾 🛃 🐻 🚔 📃	▶ 🔁 🚺 🚺 🖉
Update OS Image	
● ZIP file in SD card ▼ Please	pecify the directory/location of the image
O Activate System Update(OTA)	
Specify your deployment task(s)	
□ All Device Configuration	
☑ File Transfer	□ Wi-Fi Settings
Auto Installation	Cellular Data
🗆 Auto Run	Terminal Emulation
Barcode Reader	AppLock
Button Assignment	System Settings
☑ Wireless Manager	Software Trigger
Reboot after Deployment	
Deployment complete! Please check your devic	e.

3) After completing the deploying, a notification is shown on your device:



BARCODE TO SETTING

BarcodeToSetting helps you to easily configure all your mobile computers by generating settings barcodes to be scanned by the devices. The configurations of **Auto Run**, **Barcode Reader**, **Button Assignment**, **Wireless Manager**, **Wi-Fi**, **Cellular Data**, **Terminal Emulation**, **AppLock**, and **system settings** could be exported and generated as barcodes. By scanning the barcodes with your devices, the aforesaid configurations could be applied to the mobile computers.

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3.4 Button Assignment	
3.5 Wireless Manager	103
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3.1 GETTING STARTED

To export certain configurations from **ADC** (**Android Deployment Configurator**) to your devices without USB connection, please follow the steps:

1) Open "Android Deployment Configurator", and select the existed project name to open, or create a New Project.

😌 Android Deployment Cor	figurator	×
Select an existing proje	Option 1: Create a new project.	τ.
Project Name	Project location	
for all devices	C:\CipherLab\ADC\for all devices	
For RK25 Configuration	C:\CipherLab\ADC\For RK25 Configuration	
for RS51	C:\CipherLab\ADC\for RS51	
RK25 Testing	C:\CipherLab\ADC\RK25 Testing	Option 2:
RS31	C:\CipherLab\ADC\RS31	Double-click on
÷		existed project to
Show dialog at Startu	p	

2) In **Specify your deployment task(s)** area of the main screen, click the blue button "**Configure...**" to open "**Configure Device Setting**" window.

🚭 For RK25 Configuration		—	\times
Android Deployment Config	urator		
2 👛 💾 🛃 🐻 🚞	E b	<u>X:</u> 🔒 🐻 📀	Ø
Update OS Image			
● ZIP file in SD card -	Please specify the directory/location of the image		
O Activate System Update(OTA)			
Specify your deployment task(s)			
All Device Configuration			
✓ File Transfer	☑ Wi-Fi Settings	Z EZConfig	
Auto Installation	🗹 Cellular Data		
🗹 Auto Run	Terminal Emulation		
✓ Barcode Reader	AppLock		
Button Assignment	System Settings	C	
✓ Wireless Manager	✓ Software Trigger		
Pahaat after Daplayment			
Reboot alter Deployment			

- 3) The settings of those functions listed below are available for you to export by generating barcodes which could be scanned by your devices:
 - Auto Run
 - Barcode Reader
 - Button Assignment
 - Wireless Manager
 - Wi-Fi Settings
 - Cellular Data
 - Terminal Emulation
 - AppLock
 - System Settings
 - Software Trogger
 - **EZConfig**

-	Configure Device Settings				>	<
	/ 🗙 🚱 🗾 🎘			X	3	D
	File Transfer	Select or specify executable nam	ne and location:			\uparrow
		File from auto installation	-			
	Auto Run		-			
>	Barcode Reader	File	Package Name			
	Button Assignment	screenshot-touch-1-7-4.apk				
	Wireless Manager					
>	Wi-Fi Settings					
	Cellular Data					
>	Terminal Emulation					
>	AppLock	<i></i>		\rightarrow		
	System Settings					
	Software Trigger					
>	EZConfig	File	Package Name			
!	i	Test_v01.app	TestApp			
		matomemo.apk	Memo			
						\rightarrow

3.2 AUTO RUN

Through Auto Run, some specific programs could be executed automatically when the device restarts. Please refer to <u>Auto Run</u> for configurations details.

- 1) Select the programs to be automatically executed to the list below:
- 2) Depending on the barcode type to be generated, click on the button "Create 1D barcode "" or "Create 2D barcode "" on the tool bar:



 Select the app(s) to be exported from auto run app list. The auto run app list is still configurable in this step.

File	Package Name	
Test_v01.app	TestApp	
matomemo.apk	Memo	
Airlock Browser	com.outcoder.ibrowser	
Button Assignment Se expo	sw.programme.buttonassignment elect the app(s) to be rted from Auto Run list	-

4) Click on **Create PDF file** *button to generate the barcode which will be immediately saved in PDF. file format with the file name as the project name.*



Note: You could export all your demand settings available for generating barcodes at one time.

5) Print out the barcodes for your mobile computers to sequentially scan to apply the configurations.



3.3 BARCODE READER

- Please refer to <u>Barcode Reader</u> for craeting profiles and configuring the barcode reader settings of Scanner Preferences, Notification, Data Output, 1D Symbologies, 2D Symbologies, Profile, and Security.
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "or "Create 2D barcode" on the tool bar:



3) Select the profile and the profile settings to be exported from each tab page.

The barcode reader settings are still configurable in this step.

ect the profile be exported.		Profile Name	Accessized ann	Ench
	>	Prome Name	Associated app	Enab
		Default		
		Testing	com.android.chrome	
		Profile 1	1	
		Profile 2	com.google.android.	gm 🔽
		Profile 3	com.android.settings	; 🗸
Į_)	Double cli	ck the row to open	
		its "D	etail" window.	
🕃 Detail				
× 🗙			·	
	<u> </u>	Kaubaard Emulation	InputMethod	•
Data Output				
Notification Settings		Intent Decode Data		
1D Symbologies		Auto Enter	Decoded data + Enter char	
2D Symbologies		Auto Enter Character	Carriage return	
Profile		Display Code Type		
		Display Code Length		
		Prefix		
		Suffix		
		Field Delimiter	None	
		Barcode Charset	UTF-8	
		Clear Previous Data		
		Key Event Delay Time	0 ms	•
Select t	ne settin	gs to be exported as bar	rcodes.	

4) Click on **Create PDF file** *"* button to generate the barcode which will be immediately saved in PDF. file format with the file name as the project name.



Note: You could export all your demand settings available for generating barcodes at one time.

5) Print out the barcodes for your mobile computers to sequentially scan to apply the configurations.

The he configurations of your devices is complete.



3.4 BUTTON ASSIGNMENT

FOR RS30, RS31, RS50, RS51, & HERA51 MOBILE COMPUTER

- 1) Define the function of the physical keys and virtual keys of your device. Refer to <u>Button</u> <u>Assignment (for RS30, RS31, RS50, RS51, & HERA51)</u> for details.
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode "" on the tool bar:



 Select button assignment settings to be exported.

Please note that the settings could be edited in this step.



4) Click on **Create PDF file** *(iv) (iv) (iv)*



Note: You could export all your demand settings available for generating barcodes at one time.

- 5) Print out the barcodes for your mobile computers to sequentially scan to apply the configurations.
- 6) The configurations of your devices is complete.



FOR RK25 & 9700A MOBILE COMPUTER

- 1) Please refer to <u>Button Assignment (for RK25 & 9700A)</u> for how to manage and edit your profiles .
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode "" on the tool bar:

Create 1D barcode

•	/ 🗙 💽 🧾	Create 2D barcode			💈 互
	File Transfer				
	Auto Installation	Profile Name	Enable	\uparrow	
	Auto Run				
>	Barcode Reader	System Profile	0		
	Button Assignment	Profile 1	0		
	Wireless Manager	Profile 2	۲		
>	Wi-Fi Settings	Testing	0		
	Cellular Data				
>	Terminal Emulation				
>	AppLock				
	System Settings				
	Software Trigger				
>	EZConfig				

3) Select the profile and the key settings to be exported. The settings are still configurable in this step.

+			
·,	Profile Name	Enable	^
	System Profile	0	
	Profile 1	0	
	Profile 2	۲	
	Testing	0	
	Select the settings to be exported as barcodes.		

Click twice on a profile to list all the keys it contains, and select the key(s) to be exported.

😼 Profile	e 2			\times
	X	<u>פ</u>		
	lcon	Кеу	Enable	\uparrow
	1	1		
•	2	2		
	3	3		
	4	4		
)	5	5		
 • 	6	6		\downarrow

4) Click on **Create PDF file (DEF)** button to generate the barcode which will be immediately saved in PDF. file format with the file name as the project name.



Note: You could export all your demand settings available for generating barcodes at one time.

5) Print out the barcodes for your mobile computers to sequentially scan to apply the configurations.



6) The configurations of your devices is complete.

3.5 WIRELESS MANAGER

- 1) Make changes if necessary. Click on the switch to turn on (or turn off) one or all wireless signals.
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode" on the tool bar:



Create 1D barcode

3) Select the setting(s) to be exported.

Please note that the settings could be switched to turn on or turn off in this step.

Select the settings to be exported as barcodes.



4) Click will be immediately saved in PDF. file format with the file name as the project name.



Note: You could export all your demand settings available for generating barcodes at one time.

5) Print out the barcodes for your mobile computers to sequentially scan to apply the configurations.



6) The configurations of your devices is complete.

3.6 WI-FI SETTINGS

- Click on "Add" button to add a new wireless profile and fill in the necessary fields. Click on "Apply" to save the settings.
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode "" on the tool bar:



3) Click on the switch to select the Network setting(s) to be exported. Please note that, in

this step, the network settings could be edited by clicking "**Edit**" button or double click on the row. Be sure to click "**Apply**" to save the setting changes, or click "**Cancel**" to return to the previous screen.

V	/ 🗙 💽 💽 🔚					
	File Transfer +	X				
>	Select the network to be exported as barcodes.	ork Ham	ne (SSID) Network Name (SSID)	Security		^
	Button Assignment		Security	WPA/WPA2 PSK	•	r -
	Wireless Manager		Password	•••••		-
			Show advanced options			
-	Wi-Fi Settings		Proxy	None	-	,
	Advanced		IPv4 settings	Static	•	-
	Cellular Data		IPv4 address	0.0.0.	0	
>	Terminal Emulation		Gateway	0.0.0.	0	
>	AppLock		Network prefix length	24		
	System Settings		DNS 1	0.0.0.	0	
	Software Trigger		DNS 2	0.0.0.	0	
>	EZConfig		Apply Cancel			
						4

4) For "Advanced" part, please click "Advanced" and select the settings you would like to exported:

	File Transfer	Network Notification		
	Auto Installation	Keep Wi-Fi on during sleep	Always	•
	Auto Run	Wi-Fi frequency band	Automatic	*
>	Barcode Reader	Roaming Enable		
	Button Assignment	Roaming trigger	-70 dBm	•
	Wireless Manager	Roaming delta	5 dBm	•
-	Wi-Fi Settings	Background scan interval	per 15 seconds	•
	Advanced	Set Country Code	Auto	*
	Cellular Data	Miscellaneous		
>	Terminal Emulation	Captive Portal Detection Enable		

5) Click button to generate the barcode which will be immediately saved in PDF. file format with the file name as the project name.



Note: You could export all your demand settings available for generating barcodes at one time.

6) Print out the barcodes for your devices to sequentially scan to apply the configuration.



3.7 CELLULAR DATA

- 1) Configure your cellular data network. Please refer to <u>Cellular Data</u> for setting details.
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode " on the tool bar:

	Create 1) barcode	
	T		
•	/ 🗙 🕓 🗾 崖	Create 2D barcode	
	File Transfer	+ 🖉 🖻	
	Auto Installation		
	Auto Run	Entry Name Access Point Name	
>	Barcode Reader	Cellular 001	
	Button Assignment	Cellular 002	
	Wireless Manager	Cellular 003	
>	Wi-Fi Settings	for Testing	
	Cellular Data		
>	Terminal Emulation		
>	AppLock		
	System Settings		
	Software Trigger		
>	EZConfig		

3) Select the settings to be exported. Please note that The settings are still configurable in this step.

	+ 🖉 🖻	
	Entry Name Access Point Name	
Select the settings to	Cellular 001	
be exported as barcodes.	Cellular 002	
	Cellular 003	
	for Testing	
4) Click on **Create PDF file** button to generate the barcode which will be immediately saved in PDF. file format with the file name as the project name.



Note: You could export all your demand settings available for generating barcodes at one time.

- 5) Print out the barcodes for your mobile computers to sequentially scan to apply the configurations.
- 6) The configurations of your devices is complete.



3.8 TERMINAL EMULATION

- Emulation Settings involve key mapping with the physical keys of the device, thus the settings will vary by device model.Please refer to <u>Terminal Emulation</u> for configurations details.
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode"" on the tool bar:





Click the sessions under "**Terminal Emulation**" to get into its detailed page. Go through the tab pages for more configurations.



4) Click on **Create PDF file (1997)** button to generate the barcode which will be immediately saved in PDF. file format with the file name as the project name.



Note: You could export all your demand settings available for generating barcodes at one time.

5) Print out the barcodes for your mobile computers to sequentiallyscan to apply the configurations.



3.9 APPLOCK

- 1) Synchronize with your device to import the applications and system settings. Please refer to <u>AppLock</u> for configuration details.
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode" on the tool bar:

Synchronize Create 1D barcode \delta Configure Device Settings \times Create 2D barcode 3 5 File Transfer ൺ Auto Installation **Recent Apps Whitelist** Allowed Apps Auto Start Apps Auto Run > Barcode Reader A-Demo Button Assignment BarcodeToSetting Wireless Manager > Wi-Fi Settings Enterprise Keypad Mode Cellular Data EZConfig > Terminal Emulation > AppLock ReaderConfig System Settings Signature Capture Software Trigger > EZConfig SIP controller SoftwareTrigger \downarrow Terminal Envilation \rightarrow

3) Select the settings to be exported from **AppLock** main page & **Option** tab page.

Please note that all the AppLock settings are configurable in this step.

•	🖊 🐼 💽 ե	•					
	File Transfer						
	Auto Installation					\uparrow	
	Auto Run	Allowed Apps		Auto Start Apps	Recent Apps Whitelist		
>	Barcode Reader	BarcodeToSetti	ng				
	Button Assignment Wireless Manager	Enterprise Keyp	oad Mode				
>	Wi-Fi Settings	EZConfig					
	Cellular Data	ReaderConfig		_	_		
>	Terminal Emulation						
٦	AppLock	Signature Capt	Notification B	ar			
	Options	SIP controller		Show Notification Bar			
	System Settings	Sil controller		Enable Notification Bar			
	Software Trigger	SoftwareTrigge		Show filtered notifications			
>	EZConfig			Heads-up notifications			
		Ierminal Emula	Display				
		÷	Walipa	oor			
						·	
			Logo			~	
			Home s	creen text color		~	
	Select the setting	gs to					
	be exported a	S	Security				
			Set	Login Password 🤠			
				Show Password			
				Monitoring App installation			
			Assist app				
			Ch	oose assist app	None	-	
				Remove Lockscreen Icons			
				USB Connection Allowed			

4) Click on **Create PDF file** button to generate the barcode which will be immediately saved in PDF. file format with the file name as the project name.



Note: You could export all your demand settings available for generating barcodes at one time.

5) Print out the barcodes for your mobile computers to sequentially scan to apply the configurations.



3.10 SYSTEM SETTINGS

System Settings is devided into **Device**, **Personal**, and **System** 3 parts; expand the subcategory of each part to configure the settings you need. Please refer to <u>System Settings</u> for details.

Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode" on the tool bar:

	Create 1	D barcode	
	Configure Device Settings		×
•	/ 🗙 💿 🔟 👑	Treate 2D barcode	פ
	File Transfer	Device	
	Auto Installation	line in the second s	
	Auto Run	Home Launchers	_
>	Barcode Reader	Display	
	Button Assignment		
	Wireless Manager	Battery	
>	Wi-Fi Settings		
	Cellular Data	Personal	
>	Terminal Emulation	Location	
>	AppLock		
	System Settings	Security ~	
	Software Trigger		
		Language & Input 🗸 🗸 🗸	
		System	
		Date & time	

Barcode To Setting

			Device			
Click on the switch to select the				Home	Launcher3	-
setting(s) to be exported. Expan	d each	Displa	У.		~
subcateg	ory and click on the sw	itch to				
select the	e settings to be exporte	ed.	Batter	~		
			ersonal			
			Locati	an		~
	Select the settings to be exported as		Secur	ty		^
	barcodes.			Screen lock	None	·
				Unknown Sources		
			Langu	age & Input		~
		L				
			System			
			Date a	sitime		~

3) Click on **Create PDF file w** button to generate the barcode which will be immediately saved in PDF. file format with the file name as the project name.

2)



Note: You could export all your demand settings available for generating barcodes at one time.

4) Print out the barcodes for your devices to scan sequentially to apply the configuration.



3.11 SOFTWARE TRIGGER

- 1) Configure the settings of "**Software Trigger**" (refer to <u>Software Trigger</u> for details).
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode"" on the tool bar:

	Create 1) barcode
•	/ 🗙 💿 🔟	Create 2D barcode
	File Transfer	Settings
	Auto Installation	
	Auto Run	∟ Enable
>	Barcode Reader	Size Small T
	Button Assignment	□ Auto start software trigger after startup
	Wireless Manager	
>	Wi-Fi Settings	
	Cellular Data	
>	Terminal Emulation	
>	AppLock	
	System Settings	
	Software Trigger	
>	EZConfig	

3) Click on the switch to select whether to export the settings of "Software Trigger".

Settings		
🗹 Enable		
Size	Medium	-
🗹 Auto star	t software trigger af	ter startup

4) Click on **Create PDF file** *immediately* saved in PDF. file format with the file name as the project name.



Note: You could export all your demand settings available for generating barcodes at one time.

5) Print out the barcodes for your devices to scan sequentially to apply the configuration.



3.12 EZCONFIG

- 1) Go through every tab pages and "**Security**" page under "**EZConfig**" for configuration. Please refer to <u>EZConfig</u> for detailed settings.
- 2) Depending on the barcode type you would like to generate, click on the button "Create
 1D barcode "" or "Create 2D barcode"" on the tool bar:

	Create 1	D barcode				
-8	Configure Device Settings					×
•	/ 🗙 🕓 🔟	Cre	ate 2D barcoo	le		0
	File Transfer	Notification Settings	Scan Settings	Decodeing Scheme	Fliter	
	Auto Installation	Visual Indicator				
	Auto Run	Low Battery LED				
>	Barcode Reader	Beeper				
	Button Assignment	Beep when good read	Sound 1		•	
	Wireless Manager	Low Battery Beep				
>	Wi-Fi Settings	Temperature Warning				
	Cellular Data					
>	Terminal Emulation					
>	AppLock					
	System Settings					
	Software Trigger					
-	EZConfig					
	Security					

 Click on the switch to select the settings to be exported on each tab page, and decide whether to export the "Security" settings. The settings are still configurable in this step.

	File Transfer	Notification Settings	Scan Settings	Decodeing Scheme	Fliter		
	Auto Installation	()	_			\uparrow	
	Auto Run	Dever Level (5)		Provide 1			
>	Barcode Reader	🔵 🛛 Trigger Key	0				
	Button Assignment	Profile		Enter password (maxi	imum 32 charac	cters)	
	Wireless Manager	Work Mode	C	•••••			
>	Wi-Fi Settings	RF Link	D	S Confirm password			
	Cellular Data	Session	Se	•••••			
>	Terminal Emulation	Q Value					
>	AppLock	🗹 Dynamic Mode		Password-protected features:			
	System Settings	Current (4)		Import			
	Software Trigger			Export			
L	EZConfig	Minimum (0)		Factory Reset			
	Security		•	Update Firmware	2		
		Maximum (15)					

4) Click on **Create PDF file button** to generate the barcode which will be immediately saved in PDF. file format with the file name as the project name.



Note: You could export all your demand settings available for generating barcodes at one time.

5) Print out the barcodes for your devices to scan sequentially to apply the configuration.



MULTI-LANGUAGE SUPPORT

Other than the default interface languages, you can customize your own language file and apply it to this program.

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4.1 CREATE YOUR OWN LANGUAGE FILE

- 1) Click on **Preferences** (2) on the Toolbar to open "**Preference**" window.
- Click on on "Add" to create your own display language. English and Japanese are both system default languages, to which you are not allowed to make modifications.
 - Save : Save the settings and close the "Preference" window.
 - Cancel : Directly close the "Preference" window without saving any change.
 - Add : Add a new display language.
 - Edit : Edit the selected display language.
 - **Delete** : Delete the selected display language.



3) Click on "Add" to create your own display language. **English** and **Japanese** are both system default languages, to which you are not allowed to make modifications.



4) On **Edit Language** window, select the listed item whose wording you would like to modify. The default wording is shown on the left while the one on the right is for editing into your language. Input the text in the edit box.

🚭 Edit Language				×	
✓ X 2↓ 2↓ 0	9 Quick Search				
↑ English		Edit into your language			
Unknown Sources		Unknown Sources		1	
Unknown error		Unknown error			
United Kingdom		United Kingdom			
Underline		Underline			
Undefined		Undefined	Click the row to o	pen the edit box	
Unconventional Stop		Unconventional Stop	to modify you	ir language.	
Unable to get the correct informat	ion from device.	Unable to get the correc	t information from device.		1
Unable to get the correct informat	ion from device.	Unable to get the correc	t information from device.		
Ukraine		Ukraine			
UK Postal Transmit Check Digit		UK Postal Transmit Chec	k Digit		
UK Postal		UK Postal		4	
English	•				
	😼 Edit Language				×
	🖌 🗶 🛃	Quick	Search		
	↑ English		Edit into your langu	age	
	Unknown Sources		Unknown Sources		\uparrow
	Unknown error		Unknown error		
The default wording	Unknown error				
(Oneutrable)					
		Edit th	ie text of your ow	'n	
	Unknown error	•	anguage nere		
	United Kingdom		United Kingdom		
	Underline		Underline		
	Undefined		Undefined		
	Unconventional Stop		Unconventional Sto	pp	\downarrow
	English	▼			

5) In **order** to locate your desired item, you can change the alphabetical order of the entries or make use of the **Quick Search** box.

🚭 Edit Language	×
error	Quick Search
↑ English	Edit into your language
Unknown error	Unknown error
OS image file does not exist or file format error.	OS image file does not exist or file format error.
Error occurred in "{0}"	Error occurred in "{0}"
Error Message Relocation	Error Message Relocation
Error Message	Error Message
Error Feedback	Error Feedback
Error Alarm	Error Alarm
Display Error in ROW	Display Error in ROW
English	

6) Select a label for your language from the drop-down menu on the lower-left and click on "Apply ✓", you will have new option(s) for the display language.

🚭 Edit Language			×
🖌 🗶 💱 🏹 🔟	Quick Search		
↑ English	Edit into your language		
ZIP file in SD card	ZIP file in SD card		\uparrow
ZIP file from URL	ZIP file from URL		
Zimbabwe	Zimbabwe		
Zambia	Chinese (Traditional)	1	
You have not saved the project "{0}", do y	Chinese (Traditional) Legacy		
You are running out of disk space on drive		pace	
Yes	Church Slavic		
Yemen	Colognian		
Yellow	Cornish		
x-windows-950, Windows Traditional Chir			
x-windows-949, Windows Korean	Corsican		\downarrow
English	Croatian	\downarrow	

Select your language from the drop-down menu.

The tool bar buttons in "Edit Language" window are as below:

Button	Description
~	Apply: Click "Apply" button to save all the wording you edit. Please note that you need to select your edit language from the drop-down menu before applying. The "Edit Language" window will be closed once the setting is saved.
×	Cancel: Click "Cancel" button to directly close the "Edit Language" window without saving any setting changes.
2	Ascending: To display the default wording (English) in alphabetical order from A to Z.
Z I	Descending: To display the default wording (English) in alphabetical order from Z to A.
5	Reset: Reset all the language editing changes to default.

4.2 EDIT YOUR OWN LANGUAGE FILE

You can edit and delete a customized language file.

- 1) Click on "**Preferences** on Toolbar.
- 2) Choose the language tag. To delete it, click on "**Delete**" or click on "**Edit**" to modify its content.

😌 Preferences	×	
💾 🗙		Save : Save the settings and close the "Preference" window.
Choose a display language Chinese (Traditional)	.	Cancel : Directly close the "Preference" window without saving any change.
+ 🖉 🗵		Add : Add a new display language.
Project location		Edit : Edit the selected display language.
C:\CipherLab\ADC	- 0 <	Delete : Delete the selected display language.
✓ Show dialog at Startup		Browse : Browse through the PC folder
✓ Pop-up window		to designate the location to save your ADC
Status bar messages timeout		
15 sec	.	Clear Log : Clear all log files.

Save log file by project: Decide whether to have logs saved (in ADC program folder)

while working on your project. You may click "**Clear log** "to clear all log files if necessary.

- Show dialog at Startup: Decide whether to show the following dialog when ADC starts. You may de-select the checkbox right inside the dialog or in Preferences.
- Pop-up window: Decide whether to show the status message on the pop-up window.
- **Status bar messages timeout**: Adjust <u>status bar messages</u> timeout if necessary.
- 3) Make sure to click on **"Save "** to save your settings."