

Grandstream Networks, Inc.

GXV33XX

IP Multimedia Phone for Android[™]

GUI Customization Web Tool Guide





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INTRODUCTION

Grandstream GXV33XX IP Multimedia series Phones allow users to customize the GUI desktop layout as well as GUI configurations on the phone, offering users with flexibility and control. The GUI configuration includes displaying/hiding applications, configuring parameters on the phone with specific requirements, controlling the display appearance, enabling/disabling some functions and much more.

This document describes how to use the Grandstream Graphical GUI Customization Web Tool to customize the GXV3350/GXV3370/GXV3380 GUI settings and applications. This tool allows users to do the following configurations on the GXV33XX IP Multimedia Phone for Android:

- Turn on/off applications
- Set up parameters
- Personalize phone display
- Turn on/off certain functions on applications

The Grandstream Graphical GUI Customization Tool is available through the following link: <u>http://tools.grandstream.com:8081</u>





GXV33XX LCD GUI CUSTOMIZATION STEPS

GXV33XX LCD GUI customization tool is available as a web service, users need to access to below URL in order to generate the GXV Customization file that will be uploaded to the phone: http://tools.grandstream.com:8081

First you will need to select the phone model by clicking on the GXV33xx phone:



Figure 1: GUI Config Tool Web Interface

The GUI Config Web Tool contains 7 sections that will be used to build the customization file that is going to be generated in the end using the "Export Configurations" button shown in the following figure (all three models have the same sections and in the later steps we have selected the GXV3370).

The Users can also import generated customization file using the "Import Configurations" button:





GUI Config	Tool GXV3	370					English	\sim
< Config Settings	Contacts Se	ttings	Background Settings	Layout Settings	Screen Settings	Language and Keyboard \rightarrow	Export Con	figurations Import Configurations
Cor	ntacts Settings	~						
La	ayout Settings.							
Backgr	round Settings	~						
Sareen	nsaver Settings	v						
Language :	and Keyboard	V						
Та	askbar Settings	<u>×</u>						
		Reset						

Figure 2: GUI Config Tool Web Interface

Steps below explains how to generate and upload the customization file to the GXV33XX:

- 1. Access GUI Config Tool link.
- 2. Set up the parameters and application configurations.
- 3. Generate the GXV33XX custom file "GXV33XXcust" by clicking on "Export Configuration" button.
- 4. Put the generated custom file "GXV33XXcust" on your HTTP/HTTPS/TFTP server.
- 5. Go to GXV33XX Web GUI \rightarrow Maintenance \rightarrow Upgrade \rightarrow Config File \rightarrow CUST File.
- 6. Set the Download mode and enter the customization file path under "GUI Customization File URL".
- 7. Reboot the phone to trigger the upgrade.
- 8. After booting up, GXV33XX LCD shall display the customized GUI.





CONFIGURATION GUIDE

Config Settings

Under the GXV33XX Config tool web interface \rightarrow Config Settings, the user can choose what Settings to enable/disable from the web tool. See the following figure.

onfig Tool GX	/3370						û English ∨ 🎈 New Features Not
Contacts Settings	Background Settings	Layout Settings	Call Settings	Screensaver Settings	Language and Keyboard	Taskbar Settings	Export Configurations Import Configurations
Contacts Settings							Operation Instructions
ckground Settings 🔽							Enable/Disable settings. After disabling, this setting item is inoperable during this configuration and will not be updated into the configuration file.
Layout Settings 🛛 🛛							
Call Settings 🛛 🔽							
reensaver Settings 🛛 🗹							
age and Keyboard 🛛 🔽							
Taskbar Settings 🛛 🔽							
	Reset						
	Contacts Settings Contacts Settings Contacts Settings Call	Contacts Settings 2 ckground Settings 2 Layout Settings 2 Call Settings 2 eensaver Settings 2 age and Keyboard 2	Contacts Settings Background Settings Layout Settings Contacts Settings Image: Contacts Settings Image: Contacts Settings Call Settings Image: Contacts Settings Image: Contacts Settings Call Settings Image: Contacts Settings Image: Contacts Settings age and Keyboard Image: Contacts Settings Image: Contacts Settings Taskbar Settings Image: Contacts Settings Image: Contacts Settings	Contacts Settings Background Settings Layout Settings Call Settings Contacts Settings 2 2 2 ckground Settings 2 2 2 Layout Settings 2 2 2 call Settings 2 2 2 age and Keyboard 2 2 2	Contacts Settings Background Settings Layout Settings Call Settings Screensaver Settings Contacts Settings Image: Contacts Settings Image	Contacts Settings Background Settings Layout Settings Call Settings Screensaver Settings Language and Keyboard Contacts Settings Image: Contacts Settings Im	Contacts Settings Background Settings Layout Settings Call Settings Screensaver Settings Language and Keyboard Taskbar Settings Contacts Settings Image: Con

Figure 3: Config Settings

In this section, users have the following Settings that can be enabled or disabled:

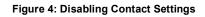
- Contact Settings.
- Background Settings.
- Layout Settings.
- Call Settings
- Screensaver Settings.
- Language and Keyboard.
- Taskbar Settings.

For instance, if the user unchecks "Contact Settings", the related tab will be disabled and greyed as shown on figure below:





< Co	nfig Settings	Contacts Set	tings	Background Settings	Layout Settings	Call Settings	Screensaver Settings
	C	ontacts Settings					
	Back	ground Settings	V				
		Layout Settings	2				
		Call Settings					
	Scree	nsaver Settings					
	Language	e and Keyboard					
	т	faskbar Settings					
			Res	et			



Contacts Settings

The "Contacts Settings" section on the Config Web Tool, as can be seen, provides the parameters for Contacts Import/Export, phonebook download and LDAP/Call History configuration for the GXV33XX.





🕟 GUI Config Tool	GXV33	370			
< Config Settings Contacts Set	tings	Background Sett	ings Layo	out Setting	s Call Settings
Import					
Clear the Old List					
Replace Duplicate Items					
File Encoding	UTF	F-8		~	
File Type	XM	L		~	
Export					
File Encoding	UTF	F-8		~	
File Type	XM	L		~	
Download					
Clear the Old List					
Replace Duplicate Items					
Download Mode	O OI	FF O TFTP	O HTTP	⊖ нтт	PS
Download Server					
Automatic Download Interval	non	e		~	
File Encoding	UTF	F-8		~	
HTTP/HTTPS User Name					
HTTP/HTTPS Password				0	
Contacts					
ICE Contact					Add

Figure 5: Contacts Settings Page





Background Settings

In the Background Settings page, the admin can select screen image from the available ones or import it by clicking on "Upload" under "Select image".

Config Settings	Contacts Settings	Background Settings	Layout Settings	Screen Settings	Language and Keyboard
<		LITTION OF THE		•	>
	Select Image	Upload			
Not Allow (Changing Wallpaper				

Figure 6: Background Settings Page

Note:

To prevent the user from changing the background image on the device, admin needs to check "Not allow changing wallpaper" option in the Background Settings Page.





Layout Settings

This settings page gives the admin the ability to set the graphic design wanted, by changing and modifying the visual structure of the GXV33XX user interface. *See the following figure.*

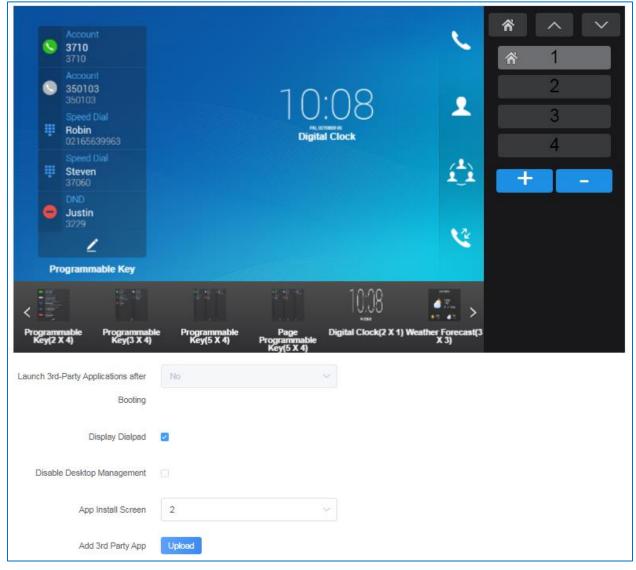


Figure 7: Layout Settings Page

Under this section, the administrator can do the following operations:

• The number of desktop pages can be increased by clicking on + or decreased by clicking on .

Note: The maximum of desktop pages allowed is 9 pages for GXV3370 and GXV3380 (including Dialpad) and 8 on GXV3350 as Dialpad page isn't supported on this model.

• The administrator can enable/disable Displaying the Dialpad and specify the App install Screen number (only for GXV3370 and GXV3380).





- The administrator can also upload an android 3rd Party application using the "Add 3rd Party App" option. By clicking "Upload" button, and entering "Display Name" in the pop-up window, then uploading the apk file, finally clicking "Add". The 3rd-party application with the icon and name will be displayed on the panel.
- The administrator can change the applications and widgets location on the pages, and in order to move an application to another page, the administrator can drag and drop the needed applications to "No more applications" bar in the bottom in order to be able to put them in a different desktop page. *Please, refer to the following figures*:



Figure 8: Changing App's Location

In addition to the available built-in apps and the 3rd party app, the admin can add widgets to the GUI of the GXV33XX by clicking on "Add Widget button" button. *Please, refer to the following figure:*

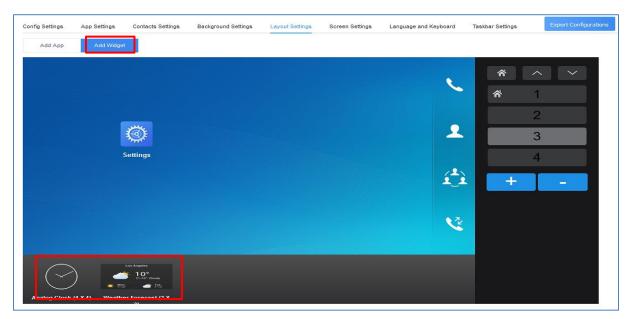


Figure 9: Adding Widget





> Users can also configure shortcuts in the right of the layout. *Please, refer to the following figure:*

1	мрк	<u>a</u>	\sim	0	1	* ^ * 1
File Manager	MPK + × - ÷ Calculation	Voice Mail	GSMarket	Settings	í.	2 3
	Carculation	DIOWSEI	Phone	message	0	4
					V	

Figure 10: App Shortcut

Call Settings

This is the page where the administrator can set One-Way Call Function Button (Hold, Start Video, Transfer...etc.) which will be directly displayed in the call screen, as well as Conference Call Function Buttons which will be directly displayed in the conference call screen, with 4 items by default.

Please, refer to the following figures:





Explain: The "Dis	played Items" will be	e airecuy ais	played in the call sci	con, with 2 nome	s by delault. Other
Items in	"More"		Displaye	d Items	
Available	0 item(s)	>	Selected	2 item(s)	
Start Video		-	Conference	•	
Record			Hold		
Call Details	S	~			
Programm	able Key	~			
-		~			
Conference C	call Function But		played in the confere		with 2 items by d
Conference C Explain:The "Dis Items in	Call Function But played Items" will be "More"		Displaye	d Items	with 2 items by d
Conference C Explain:The "Dis Items in Available	call Function But		Displaye		with 2 items by d
Conference C Explain:The "Dis Items in	Call Function But played Items" will be "More" 0 item(s)		Displaye	d Items	with 2 items by d

Figure 11: Call Settings Page on GXV3350

ction Buttons d Items" will be dire	anthy displaying in the call page	on with 4 items by defe	U. Other Hereit		
	anthy displayed in the cell serve	an with ditama bu date			
	ecuy displayed in the call scree	en, with 4 items by deta	auit. Other items are	hidden by default in "More".	
e"	Displayed	Items			
0 item(s)	Selected	4 item(s)			
^	Conference				
`	Mute				
	∧ ✓ Keyboard				
	Media Chann	nel			
(ey 🖵	Media Chann	nel			
ey 👻	Media Chann	nel			
iey 👻	Media Chann	nel			
iey 🔻	Media Chann	nel			
unction Button		nel			
unction Button			ems by default. Othe	er items are hidden by default	t in "Me
unction Button	s	ice call screen, with 4 it	ems by default. Othe	er items are hidden by default	t in "Me
unction Buttons d Items" will be dire	s ectly displayed in the conference	ice call screen, with 4 it	ems by default. Othe	er items are hidden by default	t in "Me
unction Buttons d Items" will be dire	s ectly displayed in the conference Displayed	ice call screen, with 4 if	ems by default. Othe	er items are hidden by default	t in "Me
unction Buttons d Items" will be dire	s ectly displayed in the conference Displayed	ice call screen, with 4 if	ems by default. Othe	er items are hidden by default	t in "Me
unction Buttons d Items" will be dire	s ectly displayed in the conference Displayed I Selected Selected Selected	ice call screen, with 4 if	ems by default. Othe	er items are hidden by default	t in "Me
	item(s)	item(s) Selected Conference	item(s) Selected 4 item(s) Conference Mute Keyboard	Selected 4 item(s) Conference Mute Keyboard	item(s) Selected 4 item(s) Conference Mute Keyboard

Figure 12: Call Settings Page on GXV3370/GXV3380

Note: On the GXV3350 we can add only 2 items to the Displayed Items section, while on the GXV3370/GXV3380 up to 4 items could be added, as shown in the figure above.





Screensaver Settings

This is the page where the administrator can configure screensaver parameters, such as the source of the screensaver (Default, local or from internet), screensaver start time, Turn off LCD Time, and the Interval between pictures. *Please, refer to the following figure:*

Config Settings	Contacts Settings	Background Settings	Layout Settings	Screen Settings	Language and Keyboard	Taskbar Settings
	Screensaver	Deafault Folder	~			
	Screen timeout	3 Minutes	~			
Scree	ensaver timeout	2 Minutes	~			
Interval Between Eve	ery Two Picture	3 Seconds	~			

Figure 13: Screensaver Settings Page

Language and Keyboard Settings

This section is used for disabling language setting or for choosing the phone's display language among the languages available under "Language Settings" and can upload a custom language file. The admin has also 4 Keyboard choices: "Android Keyboard(AOSP)", "Google Pinyin IME", "Japanese IME" or "Custom Input Method" (To allow the admin to upload a customized Keyboard) available under "Default Input Method".

Note: You can upload a keyboard APK file when "Default Input Method" is set to "Custom Input Metho
--

Config Settings	Contacts Settings	Background Settings	Layout Settings	Call Settings	Screensaver Settings	Language and Keyboard
	Language Setting	2				
	Select Language	English / United States	~			
	Custom Language	Upload				
De	efault Input Method	Android Keyboard(AOSP)	~			

Figure 14: Language and Keyboard Settings Page





Taskbar Settings

Admin can disable or customize the taskbar in the top of the screen by clicking on "Edit" to choose the wanted functions in order to allow the user to easily enable/disable multiple programs and quickly switch among them by clicking the appropriate icon on the taskbar. *See following figure.*

< ings	Contacts Settings	Background Settings	Layout Settings	Call Settings S	creensaver Settings	Language and Keyboard	Taskbar Setting
	Disable Taskb	ar 🗌					
Selected							
		Drag icons to	adjust order, click "-	" to delete			
	_			_	_		
		*	•				
	Wi-Fi	Bluetooth	DND	Voice	Screen off		
			_				
	N	(+(0	14	E		
	Auto answer	Call forward	RJ9 headset	Screenshot	Network status		

Figure 15: Taskbar Settings Page

