

# Yealink VC Deployment and User Manual for Crestron 3-Series Control Systems

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### **Customer Feedback**

We are striving to improve our documentation quality and we appreciate your feedback. Email your opinions and comments to <u>DocsFeedback@yealink.com</u>.

### **About This Guide**

The Yealink video conferencing systems provide an API interface for the Crestron® 3-Series control systems. The interface allows you to control the Yealink video conferencing system through the touch panels installed in the control device. When you successfully deploy environment and configure the Crestron® 3-Series control systems, the Yealink video conferencing systems and the control devices, you can remotely manage certain features of your video conferencing system via the control device.

### **Crestron 3-Series Control Systems**

The following table lists the products included in the Crestron® 3-Series control systems.

AV3	3-Series Control System®
СР3	3-Series Control System®
CP3N	3-Series Control System®
MC3	3-Series Control System® w/infiNET EX®
PRO3	3-Series Control System®
RMC3	3-Series® Room Media Controller

### **In This Guide**

Topics provided in this guide include:

- Chapter 1 Deployment Environment
- Chapter 2 Debugging Process
- Chapter 3 Yealink VCS Panel Pages Overview
- Chapter 4 Frequently Asked Questions

# **Deployment Environment**

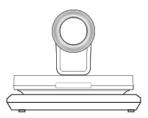
This chapter introduces the deployment environment, which instructs you to connect control and accessibility equipment. The Yealink video conferencing systems support TCP/IP connection and RS-232 connection. Note that if you connect the Crestron® 3-Series control system to the Yealink video conferencing system through TCP/IP connection, the Crestron® 3-Series control system, the Yealink video conferencing system and the control device should be in the same network segment. Topics include:

- Hardware Deployment
- Software Programs

### **Hardware Deployment**

### **Hardware Devices**

• Yealink video conferencing systems (built-in API interface, firmware version X.21.0.10 or later)



• A display device

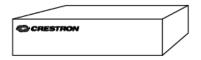


• The control devices (PC, iPad, etc.)



(Taking a PC and an iPad for example)

• The Crestron® 3-Series control systems

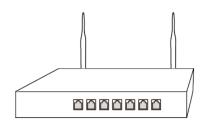


(Taking Crestron® MC3 for example)

• Ethernet cable



• A router (applying to TCP/IP connection)



• A USB to RS-232 cable (applying to RS-232 connection)

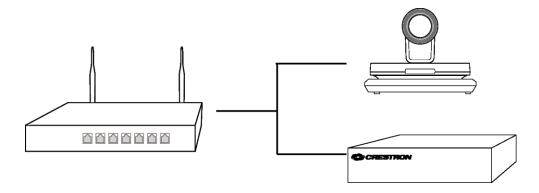


### **Hardware Connection**

The Yealink video conferencing systems support TCP/IP connection and RS-232 connection.

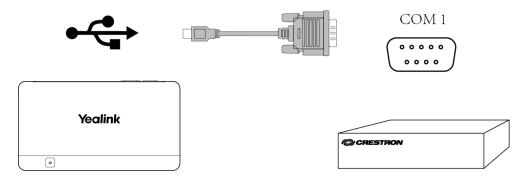
### **TCP/IP Connection**

TCP/IP connection is displayed as below:



#### **RS-232 Connection**

RS-232 connection is displayed as below:



### **Software Programs**

The software programs contain Crestron software, Crestron configuration programs and the control device configuration programs.

### **Crestron Software**

Crestron software mainly refers to Crestron Toolbox. It is used to import the corresponding configuration program into the Crestron® 3-Series control system and the control device.

:) <ul> <li>Yealink</li> <li>Crestron Software</li> </ul>			
▼ 新建文件夹			
名称	修改日期	类型	大小
🛃 crestron_database_55.00.011.00.exe	2016/4/10 15:42	应用程序	170,483 KB
🕞 crestron_toolbox_2.41.418.00.exe	2016/4/10 15:41	应用程序	79,757 KB
🔀 device_database_73.05.002.00.exe	2016/4/10 15:42	应用程序	211,679 KB

### **Crestron Configuration Programs**

Crestron provides two kinds of modules as the configuration programs. The modules contain a TCP/IP module and a RS-232 module. The selection of modules is depending on connection methods you use.

) ▶ Yealink ▶ Modules ▶			
▼ 新建文件夹			
	修改日期	类型	
If you use TCP/IP connection, you should import IP module.			
🔰 IP 🦳	2016/5/16 15:46	文件夹	
퉬 RS232 🔍	2016/5/16 15:46		
If you use serial connection, you should import RS232 module.			

Only one of these connection methods can be used at once.

#### **TCP/IP Module**

If you connect the Crestron® 3-Series control system to Yealink video conferencing system through TCP/IP connection, you should use TCP/IP module. And the IP address of Yealink video conferencing system should be written in the configuration file.

Yealink ➤ Modules ➤ IP			<b>▼</b> 4 <del>5</del>
新建文件夹			8==
名称 ^	修改日期	类型	大小
Yealink VC Series Demo IP CP3 <mark>(192.168.11.2)</mark> Ipz	2016/5/4 17:45 2016/5/4 17:45	LPZ 文件 SIG 文件	750 KB 57 KB

Only an .lpz file requires importing into the Crestron® 3-Series control system.

#### **RS-232 Module**

If you connect the Crestron® 3-Series control system to Yealink video conferencing system through the RS-232 connection, you should use RS-232 module and connect the RS-232 serial port in Crestron® 3-Series control system to the USB port in your video conferencing system codec through a USB to RS-232 cable. Only an .lpz file requires importing into Crestron® 3-Series control system.

Yealink → Modules → RS232			
新建文件夹			
名称	修改日期	类型	大小
Yealink VC Series Demo RS232 CP3.lpz Yealink VC Series Demo RS232 CP3.sig		LPZ 文件 SIG 文件	750 KB 57 KB

RS-232 serial port in Crestron® MC3:



### **Control Device Configuration Programs**

Control device configuration programs mainly refer to touch panels' configuration programs. The touch panels are installed in the control device.

The following table lists the configuration programs required in a PC and an iPad:

	Crestron XPanel application and .c3p file.
PC	For more information, please refer to Installing
	Touch Panels in a PC on page 13.
iPad	Crestron for iPad application and .xml file.

For more information, please refer to Installing	
Touch Panels in an iPad on page 15.	

For more information about the software programs required in other control devices, please contact Crestron.

# **Debugging Process**

This chapter provides the debugging process. The TCP/IP connection is introduced for example. Topics include:

- Installing Crestron Toolbox
- Importing Crestron Modules
- Installing Touch Panels

### **Installing Crestron Toolbox**

#### To install Crestron toolbox in a PC:

1. Double-click Crestron toolbox application.

:) 🕨 Yealink 🕨 Crestron Software			
. ▼ 新建文件夹			
名称	修改日期	类型	大小
🛃 crestron_database_55.00.011.00.exe	2016/4/10 15:42	应用程序	170,483 KB
🕞 crestron_toolbox_2.41.418.00.exe	2016/4/10 15:41	应用程序	79,757 KB
骨 device_database_73.05.002.00.exe	2016/4/10 15:42	应用程序	211,679 KB

The Crestron Toolbox Setup Wizard is displayed as below:



2. Follows the default installation process.

# **Importing Crestron Modules**

Importing a TCP/IP module into the Crestron® 3-Series control system is introduced for an example.

#### To import modules by Crestron toolbox:

- 1. Double-click Crestron toolbox application icon 🗾 .
- 2. Click on View->System Info.
- 3. Click 🚫 .
- 4. Mark the radio box of TCP.

Edit Address		-?- <b>-</b> ×-
Connection Type:		lu din at
S		Indirect
IP Address / Hostname	: 192.168.1	1.23 👻
	Auto Dete	ct 💌
Advanced		i
Advanced Device D	etection	
Address Book	OK	Cancel

5. Enter the IP address of the Crestron® 3-Series control system in IP Address/Hostname field.

Edit Address		? <mark>- × -</mark>
Connection Type: © TCP © RS232	🔘 USB	Indirect
IP Address / Hostname:	192.168.11	.23 👻
	Auto Detec	ot 🔻
Advanced		
Advanced Device De	tection	
Address Book	OK	Cancel

6. Click OK.

If the Crestron toolbox connects to the Crestron  ${}^{\textcircled{R}}$  3-Series control system successfully, the page will be shown as below:

DefaultWorkspace.ctw - Crestron Toolbox - [System Info - auto 192.168.11.23     File View Tools Window Help System Info Functions	3]	E	-	- <b>X</b> - 8 X
				<b>^</b>
Device Name: MC3		Program     MinimumCUZ :	90	
Version: 1.010.0060 Sesial Number : Category: Control System		TargetRack : AV3 ProgramBootDir : \SIMFL\app01 SourceFile : C:\Users\David\Dropbox\Crestron\Modules ProgramFile : Yealink VC Series Demo IP CP3.smw	Produ	
Display Project	9 🕨	· · · · · · · · · · · · · · · · · · ·	-	-
No project loaded.	*	Ethernet     Link:     Paddres:     192.168.11.23     IP Addres:     S255.55.0     Nask:     255.255.250	, 80	
Cresnet Devices	0	MAC Address 00.10.7f.2e.56.a2		
Internal Memory Usage     143.0 MB of 1831.0 MB used.     Program: 2236.5 KB     SPLUS: 2236.5 KB     Web Pages: 23.4 MB     Display Lit: 280.1 KB     Peclamable: 0 bytes	5 D	Del Fouter 192,168.11.1 Hontrame: Huddle-Rm-2 Domain Name: not available DHCP: Enabled SSL: Disabled (Selt-signed) DNS Servent: 192,168.11.1(dynamic)		
		Error Log	6.0	0
Time / Date : 5:03:25 5:16-2016 System Uptime : 0 day(s), 3:23:34:00		Compact Flash Usage     Mail Inserted	G 0	-
Ready		Connected. auto 192.168.11	.23	

7. Drag the vertical scroll bar to the middle position.

DefaultWorkspace.ctw - Crestron Toolbox - [System Info - auto 192.168.11	1.23]	
File View Tools Window Help System Info Functions		_ & ×
😂 📮 🗙 🔯 🔤 👧 🔄 📷 👫 👯 🛐 🎇 🚬		
Product Info(OS)	S 🕨	·
Device Name: MC3 Module-DS Venion: 1.010.0060 Senial Number : Categooy: Firmware Module		
Product Info[Updater]	<b>6</b>	
Device Name: MC3 Module-UPDATER Veriion: 1.000.0027 Seial Number: Categooy: Firmware Module		
Program(Program01)	<b>S</b> D	😑 IP Table(Program01) 🚱 🐌
MinimmeOUZ : TargetRack : AVS ProgramBootDir : \SIME\_app01 SourceFile : C:\Umers\Davi\Dropbox\Crestron\Modules\ ProgramFile : Yealink VC Series Demo IP CPS.smw	Produ +	IP ID Address Entry Type Dav ID Port Connection 1 ^ 03 127.000.000.001 slave 00 41794 gway 04 127.000.000.001 slave 00 41794 gway
< III	F	۰
	8	Hardware Info(Program01)
Category: Control System SIMD: Level 1 SIMD:- Level 1 DisplayList: NOT SUPPORTED Web Server: Enabled: Level 1	• •	Current Hardware Configuration Processor Type: MC3 Num YBus Slots: 0 Num ZBus Slots: 1 1: C22-MC3CNET-1 Cresnet
	4	× * *
🖻 🔄 🗾 🗸		Connected. auto 192.168.11.23
Ready		

8. Click **[]**.

۲	Program(Program01)	8
	MinimumCUZ : TargetRack : AV3	<b>^</b>
	ProgramBootDir : \SIMPL\app01 SourceFile : C:\Users\David\Dropbox\Crestron\Modules\Pr	rodu
	ProgramFile : Yealink VC Series Demo IP CP3.smw	+
	III	•

9. Click Browse....

II SIMPL Program (Program01) - auto 192.168.11.23				
Program01 (AV)				
Send and Retrieve Program To/From Internal Flash  Compact Flash				
Current Program Program Information:				
MinimumCUZ: TargetRack: AV3 ProgramBootDir: \SIMPL\app01 SourceFile: C\Users\David\Dropbox\Crestron\Modules\Production\Yealink\Demo \IP\Yealink \VC Series Demo IP CP3 ProgramFile: Yealink \VC Series Demo IP CP3.smw				
Stop Restart Erase Retrieve				
Send Program F:\VCS-CRESTRON\Yealink\Modules\IP\Yealink VC Series Demo I  Browse Minimum Program Requirements:				
MinimumCII2: 1.007.0017 TargetRack: AV3 NVRAMProgUsage: 0 BinFileName: Yealink VC Series Demo IP CP3.bin RouteFileName: Yealink VC Series Demo IP CP3.te				
Bypass auto start/stop of dependent programs Send SIG File Always send default IP table without asking				
Close				

**10.** According to the TCP/IP connection method, select an .lpz file.

<b>6</b> 477						
17开						
🚱 💽 🔻 📕 🕨 计算	机)	• 学习 (F:) ▶ Yealink ▶ N	Modules 🕨 🔹	• • 搜索 /	Modules	م
组织 ▼ 新建文件:	夹					• 🗆 🔞
→ 音乐	*	名称	修改	:日期	类型	
		🚺 IP	201	6/5/16 15:46	文件夹	
■ 计算机		퉬 RS232	201	6/5/16 15:46	文件夹	
🏭 本地磁盘 (C:)						
🧰 软件 (D:)						
👝 工作 (E:)						
💼 学习 (F:)						没有预览。
🔮 CD 驱动器 (G:)						
<b>I</b> 81	=					
🗣 网络						
	Ŧ	•	III.		F.	
2	文件名	G(N): Yealink VC Series De	mo IP CP3(192.168.11.2).	l库 ▼ SIMPL 打开		Files (*.lpz) ▼ 取消

11. Click Send.

🗈 SIMPL Program (Program01) - auto 192.168.11.23				
Program01 (AV)				
Send and Retrieve Program To/From				
Internal Flash				
Current Program Program Information:				
MinimumCUZ: TargetRack: AV3 TargetRack: AV3 ProgramBootDir: \SIMPL\app01 SourceFile: C:\Users\DavidDropbox\Crestron\Modules\Production\Yealink\Demo \IP\Yealink VC Series Demo IP CP3 ProgramFile: Yealink VC Series Demo IP CP3.smw				
Stop Restart Erase Retrieve				
Send Program				
F:\VCS-CRESTRON\Yealink\Modules\IP\Yealink VC Series Demo I 👻 Browse				
Minimum Program Requirements:				
MinimumCUZ: 1.007.0017 TargetRack: AV3 NVRAMProgUsage: 0 BinFileName: Yealink VC Series Demo IP CP3.bin RouteFileName: Yealink VC Series Demo IP CP3.te				
Bypass auto start/stop of dependent programs				
Send SIG File Send				
Always send default IP table without asking				
Close				

? 🛛 💷 SIMPL Program (Program01) - auto 192.168.11.23 Program01 (AV) Send and Retrieve Program To/From Internal Flash Compact Flash Current Program Program Information: MinimumCUZ TargetRack: ProgramBoott SourceFile: C \IP\Yealink V . ease Wait... Program Stop k\Demo Stopping the program. ProgramFile Stop etrieve. Send Program F:\Yealink\M Browse... Minimum Proa Cancel MinimumCUZ TargetRack: AV3 TargetRack: AV3 NVRAMProgUsage: 0 BinFileName: Yealink VC Series Demo IP CP3.bin RouteFileName: Yealink VC Series Demo IP CP3.te Bypass auto start/stop of dependent programs Send SIG File Send 🔲 Always send default IP table without asking Close

Please wait a few minutes. After the dialog box disappears, the send process is finished.

### **Installing Touch Panels**

You can remotely control the Yealink video conferencing system through the touch panels installed in the control device (PC, iPad, etc.).

#### This section introduces the following:

- Installing touch panels in a PC
- Installing touch panels in an iPad

If you open the touch panels in a PC and in an iPad synchronously, whatever operations you do on the touch panels in a PC or an iPad, their touch panels change synchronously.

### Installing Touch Panels in a PC

#### To install touch panels in a PC:

1. Double-click Crestron XPanel application.

Yealink → touchpanels → xpanel → Yealink VC Series Demo_XPANEL_EXE.c3prj					
名称	修改日期	类型	大小		
CrestronXPanel installer.air	2016/2/12 14:46	Installer Package	1,881 KB		
CrestronXPanel installer.exe	2016/2/12 14:46	应用程序	2,175 KB		
Yealink VC Series Demo_XPANEL_EXE.c3p	2016/5/16 10:38	c3p	19,847 KB		

The Crestron XPanel Setup Wizard is displayed as below:

🔺 应用程序安装	
	Crestron XPanel 規明 IPanel allows the loading of a Crestron certified martGraphics touch screen project to be loaded on a lesktop computer. 安装首选参数 ☑ 将快捷方式图标添加到桌面上 ☑ 安装后启动应用程序 安装位置: E:\Program Files\Crestron\XPanel 继续 取消

- 2. Follows the default installation process.
- 3. After installation, double-click Crestron XPanel icon 🔀 .

4. Click on File->Load Project.

Crestron XPanel		
File Options Help		
Load Project Ctrl+O		
Reconnect Ctrl+5		
Exit		
	_	

5. Select .c3p file and click Open.

				×
nel ► Ye	alink VC Series_XPANEL_EXE.c3prj	▼ 49 搜索 V	'ealink VC S	eries_XPA 🔎
<del>英</del>			:==	
* 名	你 ^	修改日期	类型	
X	Yealink VC Series_XPANEL_EXE.c3p	2016/5/16 10:38	Crestro	
E	III		ł	没有预览。
(件名(N):	Yealink VC Series_XPANEL_EXE.c3p	▼ 所有文件	‡(*.*)	-
		打开	(O)	<b>取消</b>

6. After you enter the touch panels in PC, touch **Settings** to navigate to the Settings page.



You can view the version information normally, it means the touch panels in a PC are installed successfully.

### **Installing Touch Panels in an iPad**

#### To install touch panels in an iPad:

- 1. From the Apple App Store, search for Crestron for iPad and download the application.
- 2. In an iPad, touch the icon 🔊 to enter the Crestron for iPad.
- 3. Touch **UPGRADE** to buy the usage right of Crestron for iPad.
- **4.** Touch + .

5. You will enter the Edit Location screen, edit the name in the Friendly Name/Location filed.

Back	Edit Location	Save
Address 1 (Typically Local LAN)		
Friendly Name / Location		Yealink VC120
Use Local Project		ON
Remember to load the project locally on this device. Host name or IP Address		192.168.11.23
HTTP Port		80
IP ID		04
CIP		41794
Address 2 (Typically Internet/Mobile)		
Host name or IP Address		
HTTP Port		80
CIP		41794
Enabled		OFF
Enable SSL		OFF
User Name		

- 6. Swipe the Use Local Project switch right to ON.
- 7. Enter the IP address of the Crestron® 3-Series control system in Hostname or IP Address field.

Back	Edit Location	Save
Address 1 (Typically Local LAN)		
Friendly Name / Location		Yealink VC120
Use Local Project		ON
Remember to load the project locally on this device.		
Host name or IP Address		192.168.11.23
HTTP Port		80
IP ID		04
CIP		41794
Address 2 (Typically Internet/Mobile)		
Host name or IP Address		
HTTP Port		80
CIP		41794
Enabled		OFF
Enable SSL		OFF
User Name		

8. Enter 04 in IP ID filed.

- 9. Touch Save.
- **10.** Double-click Crestron toolbox application icon **11** in a PC.
- 11. Click on View->System Info.
- 12. Click 📐.
- **13.** Mark the radio box of **TCP**.

Edit Address	? <mark>- × -</mark>
Connection Type:	
TCP	🔘 USB 🔘 Indirect
IP Address / Hostname:	192.168.11.199 👻
	Auto Detect 🔹
Advanced	
Advanced Device De	tection
Address Book	OK Cancel

14. Enter the IP address of the iPad in IP Address/Hostname field.

Edit Address		? <mark>- × -</mark>
Connection Type:		
TCP	🔘 USB	Indirect
IP Address / Hostname:	192.168.11	l.199 🗸 🗸
	Auto Detec	st 💌
> Advanced		
-> Advanced Device De	tection	
Address Book	OK	Cancel

#### 15. Click OK.

If the Crestron toolbox connects to iPad successfully, the page will be shown as below:

DefaultWorkspace.ctw - Crestron Toolbox - [System Info - auto 192168.11.199]     If Re View Tools Window Help System Info Functions     U > N 90		
Retext (Fig. Statu: Retieval Complete.	Display Project	
Encodence and the second	<pre>upgyrmsc/ DisplayListFile : Yealink_20VC_20Series_20Demo_IFAD.sip Completion : 04/11/2016 13:32 F00Depuiled : TargetFroducts :</pre>	
m	<u>.</u>	Connected. auto 192.168.11.199

#### 12. Click 🚺.

Display Project		80	)
	:	Ē	
(		4	
	Conne	ected. auto 192.168.11.199	

13. Click Browse....

Project - auto 192.168.11.199	? 🛛
Loaded Project Information:	Selected Project Information:
DisplayList File: Yealink_20VC_20Series_2( Compiled Dn: 04/11/2016 13:32 Target Panet PNG Required: Target Products: Project Type: Crestron Mobile Language Pack Required: Min Core3 UI Levet: Project Platform:	DisplayList File: Yealink_20VC_20Series_2( Compiled On: 04/11/2016 13:32 Target Park PNG Required: Target Products: Project Type: Language Pack Required: Min Core3 UI Level: Project Platform:
	4 III +
Remote Project Directory: Not applicable to this Send Modified Files Only C Allow improved anti-aliased fonts (16-Level) to	
Project File: F:\Yealink\touchpanels\iPad\Yealink VC Series	Demo_IPAD.(  Browse) Send
Initialize Reboot	Close

14. Select .xml file and click Open.

				<b>×</b>
+ 1	Yealink VC Series Demo_IPAD.Core3	• 4 <del>j</del>	搜索 Yealink	VC Series Dem 🔎
ы				= 0
^	名称	修	改日期	
	Yealink_VC_Series_Demo_IPAD_Manifest.xml	20	16/4/11 17:32	
ш				选择要预览的文 件。
<b>T</b> 1				4
件名	(N): Yealink_VC_Series_Demo_IPAD_Manifest.xml	-	所有文件(*.*)	-
			打开(0)	取消

#### 15. Click Send.

II Project - auto 192.168.11.199	8 23
Loaded Project Information: DisplayList File: Yealink, 20VC, 20Series_2( Compiled On: 04/11/2016 13:32 Target Panel: PNG Required: Target Products: Project Type: Crestron Mobile Language Pack Required: Min Cores UI Level: Project Platform:	Selected Project Information: DisplayList File: Yealink, 20VC, 20Series_2( Compiled On: 04/11/2016 13:32 Target Panet: PNG Required: Target Products: Project Type: Language Pack Required: Min Core3 UI Levet: Project Platform:
Remote Project Directory: Not applicable to this	device.
Send Modified Files Only	load
Million improved autraliased tours (10-Fevel) (0	1040.
Project File:	
F:\Yealink\touchpanels\iPad\Yealink VC Series	Demo_IPAD.( - Browse Send
Initialize	Close

- 16. Touch the name you edit in the Friendly Name/Location filed in an iPad.
- 17. After you enter the touch panels, touch **Settings** to navigate to the Settings page.

			Settings	;	Yeo	alink
	Manual Call Se	ttings		Version In	formation	
Speed: Type: Protocol:	Auto 768 Auto Video Auto SIP	1024 1920 Audio H.323		Firmware: Hardware:	Yealink VC120 40.20.254.84 40.7.5.1.0.0.6 201605170958 1.0.0.1	Volume
	Module Stat	icating d		Stor	age	
Dialing	Address Book	Camera	Input Select	( IR Emulation	History	Settings

If you can view the version information normally, it means the touch panels in an iPad are installed successfully.

# Yealink VCS Panel Pages Overview

Every page in touch panels includes a menu for navigating to a different page. Many of the pages in touch panels also include buttons for increasing or decreasing the volume and muting the microphone. This chapter provides instructions for the Yealink VCS panel pages overview. The touch panels in an iPad are introduced for example. Topics include:

- Yealink Logo Page
- Dialing Page
- Address Book Page
- Camera Page
- Input Select Page
- IR Emulation Page
- History Page
- Settings Page

### Yealink Logo Page

The Yealink Logo page is displayed after you have loaded the touch panels. Touch the Yealink Logo page to navigate to the **Dialing** page.



# **Dialing Page**



On the **Dialing** page, you can manually dial and hang up a call.

No.	Name	Description	
1	Dial type	<ul> <li>Specifies the preferred call type for placing calls.</li> <li>If you select Auto, the dial type is determined by the configurations on your video conferencing system.</li> <li>If you select Manual, the dial type is determined by the configurations on your Settings page. For more information, please refer to Settings Page on page 34.</li> </ul>	
2	DTMF	Sends DTMF tones.	
3	Input box	Displays the calling information you entered.	
4	Keypad	Provides numbers, "#" and ".". If you want to dial a conference call, you should add a space between each phone number.	
5	Clear	Clears all calling information you entered.	
6	Q	Deletes a character each time.	

No.	Name	Description		
7	DND	<ul> <li>Configures the type of Do Not Disturb.</li> <li>If you select Global, DND mode applies to global setting.</li> <li>If you select Call during a call, DND mode applies to the current call.</li> </ul>		
8	Bar graph	Reflects the current volume level.		
9	Volume	<ul> <li>Touches A to increase the volume.</li> <li>Touches to decrease the volume.</li> <li>Touches to mute the microphone.</li> </ul>		
10	Keyboard	Opens the Dialing keyboard. For more information, please refer to Dialing Keyboard Page on page 24.		
11	Space	Enters spaces.		
12	Shortcut Keys	Navigates to the corresponding page.		
13	Hang up	Hangs up the current call.		
14	Dial	Places a call.		

### **Dialing Keyboard Page**

To enter the Dialing Keyboard page:

1. Touch **Dialing** to navigate to the Dialing page.

- 2 **Dialing Keyboard** 1 ← × × Enter 4 < @ 0 2 3 5 6 8 9 1 4 Q w Ε R U 0 Ρ I 3 < S Η Α D G κ J z С в Ν Х ν М Space
- 2. Touch Keyboard button to enter the Dialing Keyboard page.

No.	Name	Description
1	Input box	Displays the calling information you entered.
2	×	Closes the Dialing keyboard and return to the dialing page.
3	Keyboard	Provides the QWERTY keyboard to enter the calling information.
4	Enter	Finishes entering the calling information and returns to the Dialing page.

# **Address Book Page**



Touch Address Book to navigate to the Address Book page.

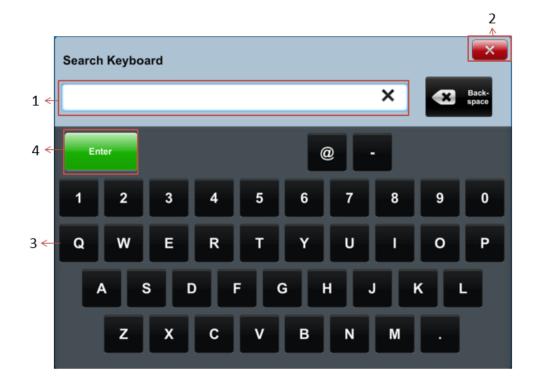
No.	Name	Description
1	Туре	<ul> <li>Provides the selection of address book type.</li> <li>If you select All, you can view all contacts.</li> <li>If you select Local, you can view the local contacts.</li> <li>If you select Conf, you can view the conference contacts.</li> </ul>
2	Contact Details	<ul> <li>Display the information of the contacts in the selected address book.</li> <li>If the contact has more than one number, the More button will be displayed, touch the More button to view additional numbers.</li> <li>If the type of the contact is Conf, the More button will be hidden.</li> </ul>
3	Page	Turns pages. If the number of contacts is more than one page, you can press or to turn pages. The center text indicates the current page and total pages.

No.	Name	Description	
4	Search	Opens the Search Keyboard. For more information, please refer to Search Keyboard Page on page 27.	
5	Text field	<ul> <li>Displays the total number of contacts in the current address book.</li> <li>Displays the total number of the search results.</li> </ul>	

### Search Keyboard Page

To enter the Search Keyboard page:

- 1. Touch Address Book to navigate to the Address Book page.
- 2. Touch **Search** button to enter the Search Keyboard page.



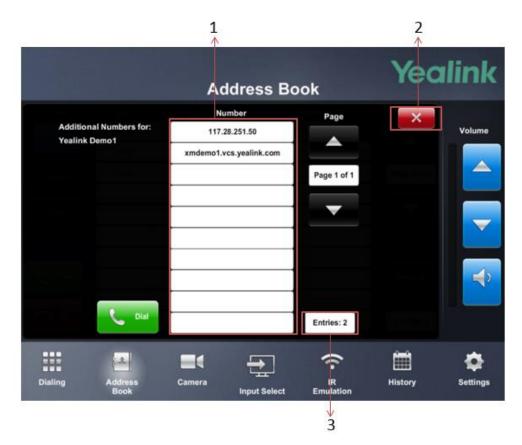
No.	Name	Description
1	Input box	Displays the search information you entered.
2	×	Closes the keyboard and return to the Address Book page.

No.	Name	Description
3	Keyboard	Provides the QWERTY keyboard to enter the search information.
4	Enter	Performs a search.

### **Contact Details Page**

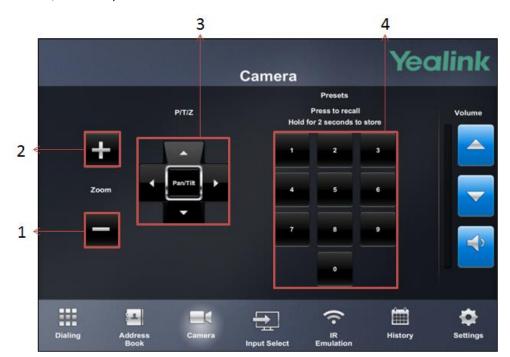
To enter the Contact Details page:

- 1. Touch Address Book to navigate to the Address Book page.
- 2. If a contact has more than one number, select a contact and touch the **More** button to view additional numbers.



No.	Name	Description
1	Number	Displays the phone numbers of the selected contact.
2	×	Closes the current page and return to the Address Book page.
3	Text field	Displays the total amount of phone numbers.

# **Camera Page**



Touch **Camera** to navigate to the Camera page. On this page, you can move the camera, store the preset.

No.	Name	Description
1	Zoom out Key	<ul> <li>Decreases the camera zoom or the captured image magnifications.</li> <li>Behaves as page down in a multiple page list.</li> </ul>
2	Zoom in Key	<ul> <li>Increases the camera zoom or the captured image magnifications.</li> <li>Behaves as page up in a multiple page list.</li> </ul>
3	Navigation Key	In the idle screen, pan and tilt the camera to adjust the viewing angle.
4	Preset	Stores the preset position of the camera or adjust the camera to the preset. You can long touch any numeric key (0-9) to save the current preset position of the camera.

# **Input Select Page**

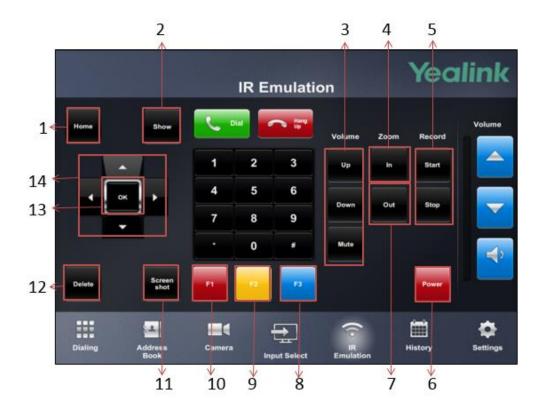


Touch Input Select to navigate to the Input Select page.

No.	Name	Description
1	Camera	Displays <b>Camera</b> input source.
2	PC	Displays <b>PC</b> input source.
3	Share	Displays Camera and PC input source.

# **IR Emulation Page**

Touch **IR Emulation** to navigate to the IR Emulation page. The IR Emulation page provides 3 shortcut keys (F1, F2, F3). They can help users organize conference easily with intuitive and efficient operation in all pages.



No.	Name	Description
1	Home	<ul> <li>Returns to the idle screen when in the menu screen.</li> <li>Enters the pre-dialing screen during a call.</li> </ul>
2	Show	Switches the input source between Camera, Camera and PC, or PC.
3	Volume	<ul> <li>Touches Up button to increase the volume.</li> <li>Touches Down button to decrease the volume.</li> <li>Touches Mute button to mute the microphone.</li> </ul>
4	Zoom in Key	<ul> <li>Increases the camera zoom or the captured image magnifications.</li> <li>Behaves as page up in a multiple page list.</li> </ul>

No.	Name	Description
5	Record	Starts/Stops recording video.
6	Power	Puts the endpoint to sleep or wakes the endpoint up.
7	Zoom out Key	<ul> <li>Decreases the camera zoom or the captured image magnifications.</li> <li>Behaves as page down in a multiple page list.</li> </ul>
8	F3	Identifies context-sensitive features. In the idle screen, this is used to save and check the camera preset position, and corresponds to the Preset soft key.
9	F2	Identifies context-sensitive features. In the idle screen, this is used to enter the pre-dialing screen, and corresponds to the Call soft key.
10	F1	Identifies context-sensitive features. In the idle screen, this is used to enter main menu screen, corresponds to the Menu soft key.
11	Screenshot	Captures the image from the camera.
12	Delete	<ul> <li>Deletes the calling information you entered.</li> <li>Long press to delete all characters in the input field.</li> </ul>
13	Navigation Key	<ul> <li>In the menu screen, press or to switch menus, press or to select items.</li> <li>In the idle screen, pan and tilt the camera to adjust the viewing angle.</li> </ul>
14	ОК Кеу	Confirms actions or answers incoming calls.

# **History Page**



Touch **History** to navigate to the History page.

No.	Name	Description
1	Туре	Provides the selection of call history type. It contains all calls, placed calls, received calls and missed calls.
2	Page	Turns pages. If the number of entries is more than one page, you can press or to turn pages.
3	Text field	Displays the total amount of entries in the selected call history type.

# **Settings Page**



Touch **Settings** to navigate to the Settings page.

No.	Name	Description
1	Speed	Specifies the preferred call speed for placing calls.
2	Version information	Displays the information of the Yealink video conferencing system.
3	Storage	Displays the status of storage. If you insert a USB flash drive to one of the two USB port for storing screenshots and recording videos, the icon will turn to green.
4	Reinitialize	Reinitializes the Crestron® 3-Series control system.
5	Module status	Indicates the status of the Crestron® 3-Series control system.
6	Protocols	Specifies the preferred protocol for placing calls.
7	Туре	Specifies the preferred call type for placing calls.

# **Frequently Asked Questions**

This chapter provides the solutions to common issues to help you solve problems you might encounter. Upon encountering a scenario not listed in this section, contact your Yealink FAE for further support.

# Why does the control device fail to connect with

### **Crestron® 3-Series control system?**

- Ensure WiFi is enabled on the control device, and that it is connected to the correct IP network. Furthermore, ensure the IP address assigned to the device is valid.
- Ensure whether the Crestron® 3-Series control system, the Yealink video conferencing system and the control device are in the same network segment.