

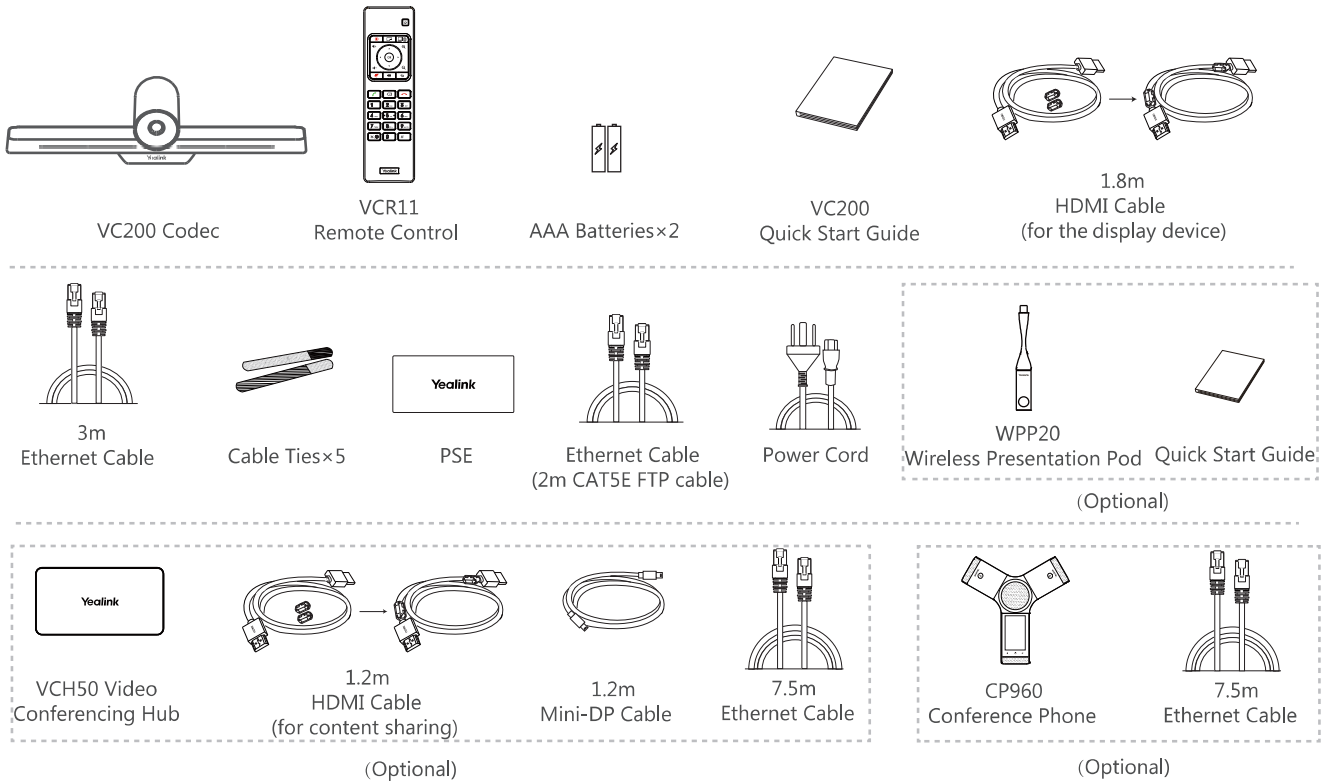
Yealink Network Technology CO., LTD

Yealink VC200 Video Conferencing Endpoint Quick Start Guide

V31.1

Applies to firmware version 80.31.0.1 or later

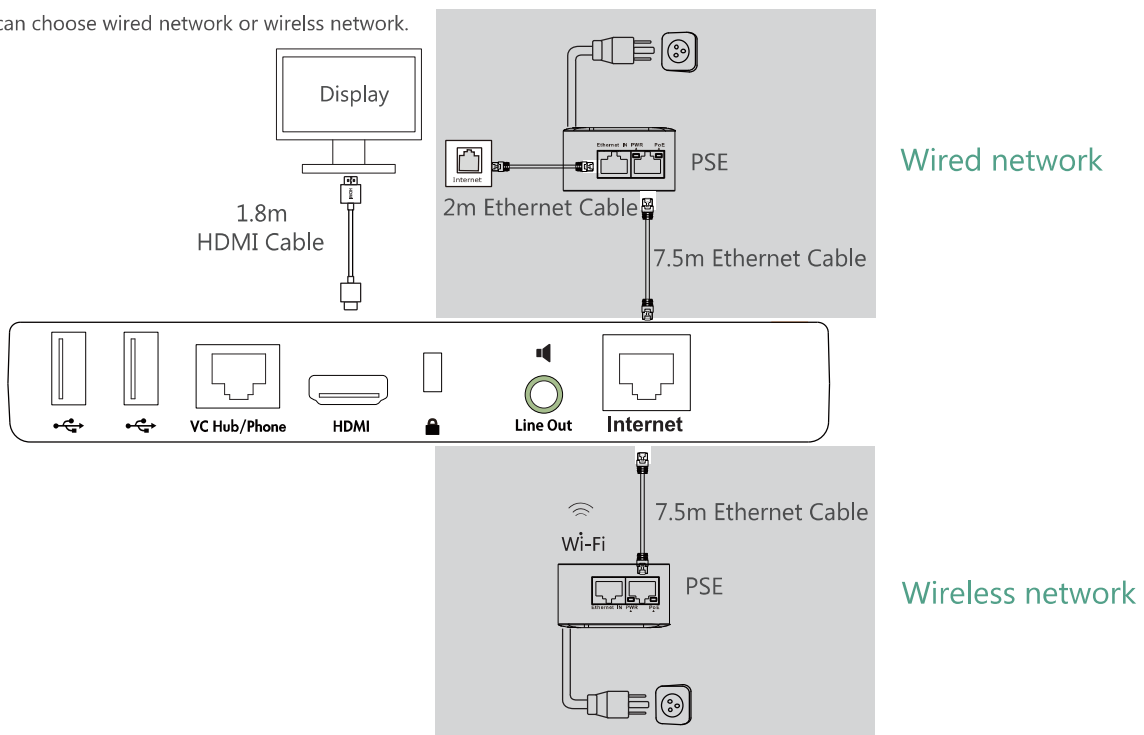
Packaging Contents



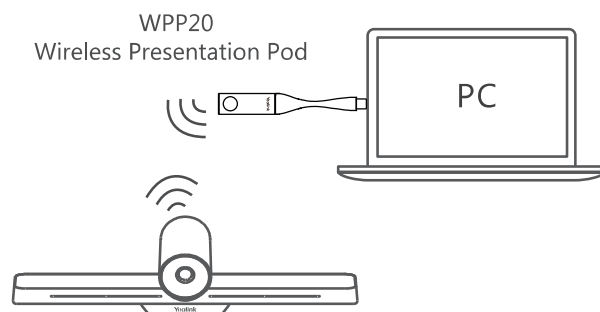
- 💡 We recommend that you use the accessories provided or approved by Yealink. The use of unapproved third-party accessories may result in reduced performance.
- 💡 VC200 video conferencing endpoint can work with optional packages. You should purchase optional packages separately.
- 💡 Use the Yealink original PoE adapter (54V/0.56A) to charge the VC200 only. The use of the third-party PoE adapter may cause the damage to the endpoint.
- 💡 Before using the HDMI cable, put the magnet rings on it to prevent electromagnetic interference.

Endpoint Connections

You can choose wired network or wireless network.



Wireless Sharing



💡 If you do not need to share content, you can connect the VC Hub/Phone port on the VC200 codec to the Internet port on the CP960 conference phone directly.

Network Deployment

VC200 supports two network deployment methods: Cloud deployment and traditional deployment. You can choose the deployment method according to your need.

● Cloud Deployment

With Cloud service, organizations can communicate using the Cloud platform, so that complex network settings are unnecessary. You can log into Yealink VC Cloud Management Service/Yealink Meeting Server/StarLeaf/Zoom/Pexip/BlueJeans/Mind platform using VC200 video conferencing endpoint. Get account information from your administrator.

Do the following to log into your VC200 via remote control:

- Select **More->Setting->Advanced** (Default Admin Password:0000)->**Video Conference Platform**.
- In the **Cloud Account** field, check the **Enabled** checkbox.
- Select the desired platform from the pull-down list of **Platform Type**.
- Configure the desired platform and log in.

● Traditional Deployment

If you do not log into the Cloud platform, you can choose traditional deployment method to deploy your VC200, and dial the IP address of other device to make a call.

In order to ensure that the VC200 can work properly, please configure it according to the actual situation.

If it is in the head office, please make sure that it is reachable from public network. If it is in the branch office, please use intelligent traversal to deploy it or just follow the same steps as for the head office.

Head Office

If you deploy VC200 in the head office, at least one static public IP address is required in the head office to allow branch offices to connect.

Do one of the following to deploy VC200:

Option1: To deploy the VC200 on a public network, at least one static public IP address is required, you need to assign a static public IP address to the VC200.

Option2: To deploy the VC200 in an Intranet (behind the firewall), you must assign a static private IP address to the VC200. In the meantime, do port mapping on the firewall for VC200.

Configure a Static IP

The following introduces how to configure a static IP address for the VC200.

For example: use the remote control to configure a static IPv4 address to your VC200.

- Select **More**->**Network**->**Ethernet** (Default Admin Password:0000).
- Select **IPv4** from the pull-down list of **IP Mode**.
- Press ▲ or ▼ to select **IPv4**, and then press (OK).
- Uncheck the **DHCP** checkbox.
- Enter the IP address, subnet mask, gateway and DNS information in corresponding fields.
- Press ▲ or ▼ to select **Save**, and then press (OK) to save the configuration.
- The screen prompts "**Reboot now?**". Select **OK** to reboot the endpoint.

Configure Port Mapping

If the VC200 is deployed in an Intranet, and you want to solve the interconnection problem by port mapping, you must forward the following ports to the public network on the firewall.

Function	Port	Protocol Type
H.323 signal port	1719-1720	UDP/TCP
Audio & Video media stream port	50000-50499	TCP/UDP
Web management port (optional)	443	TCP
SIP (optional)	5060	TCP/UDP


Branch Office

If you deploy VC200 in the branch office, do one of the following to deploy it:

Option1: Deploy the VC200 following the same steps as for the head office. In this way, both inbound and outbound calls are available.

Option2: Deploy the VC200 using intelligent traversal, which means that plug and play is possible without any further firewall configuration, but only outbound calls are available.

 Please note that when the VC200 is deployed with intelligent traversal, you have to open ports (as shown below) if they are restricted.

 It is recommended that you forward the web management port(443/TCP) to the public network, so that the head office can remotely manage the branch office.

Function	Port	Protocol Type
H.323 signal port	1719-1720	UDP/TCP
Audio & Video media stream port	50000-50499	TCP/UDP
SIP (optional)	5060-5061	TCP/UDP

Bandwidth Requirements

- To ensure the performance of video conference, the recommended bandwidth for VC200 is as below:

Video Resolution	Recommended Bandwidth
Full HD 1080P	1.3Mb
People 1080P+Content 1080P	2.6Mb

 For more information of the configurations, contact your system administrator.

 The bandwidth mentioned above is based on two-way conference. Bandwidth in head office should be increased along with the growing number of connected branch offices.

Troubleshooting

- After installation and deployment, you can test the VC200 by dialing the Yealink Demo Room. If you can't dial out successfully, please contact your IT administrator to check the internal network configuration.
- If you do not use Cloud platform and deploy your VC200 in an Intranet, you have configured port mapping on the firewall or gateway, but you find that local endpoint appears black screen and you cannot hear sound when you call Yealink Demo or other endpoints. The most likely reason is that the firewall or gateway in your environment does not support the ALG feature. In this situation, please take the following actions so that the static NAT feature on the VC200 can solve this problem.

To configure static NAT via the remote control:

- Select **More->Network->Ethernet** (Default Admin Password:0000)->**NAT/Firewall**.
- Select **Auto** from the pull-down list of **Type**, the endpoint will obtain public IP address automatically.
- If the endpoint does not obtain a public IP address automatically, select **Manual Settings** from the pull-down list of **Type**, and then enter the public IP address in the **Public IP Address** field.

Yealink Test Room IP: 117.28.251.50, 117.28.234.45

FCC Statement

This device is compliant with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons. warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

"This product meets the applicable Innovation, Science and Economic Development Canada technical specifications. / Ce produit répond à la innovation, des sciences et de Développement économique Canada spécifications techniques applicables."

"The Ringer Equivalence Number (REN) indicates the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices not exceed five. / Le nombre équivalent de sonneries (REN) indique le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison de dispositifs, à la seule condition que la somme des REN de tous les dispositifs ne dépasse pas cinq."

Canada Statement

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition au rayonnement du CI établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

About Yealink

Yealink (Stock Code: 300628) is a global leading unified communication (UC) terminal solution provider that primarily offers video conferencing systems and voice communication solutions. Founded in 2001, Yealink leverages its independent research and development and innovation to pursue its core mission: "Easy collaboration, high productivity." The company's high-quality UC terminal solutions enhance the work efficiency and competitive advantages of its customers in over 100 countries. Yealink is the world's second-largest SIP phone provider and is number one in the China market.

Technical Support

Visit Yealink WIKI (<http://support.yealink.com/>) for the latest firmware, guides, FAQ, Product documents, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (<https://ticket.yealink.com>) to submit all your technical issues.



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