

Cisco TelePresence SX20 Quick Set

Easy Setup Guide



You can easily set up
your SX20 Quick Set
in this step-by-step guide

- 1 Connecting Equipment
- 2 Using TRC6 Remote Control
- 3 Using Setup Assistant
- 4 Finding IP address
- 5 Using Web Interface
- 6 Configuring Direct IP Address Calls

1 Connecting Equipment

1-1 Before You Begin

Before you begin the installation, make sure that you have the following equipment:

- SX20 Codec
- Power Supply and Power Cable
- Ethernet Cable for LAN
- Codec Wall Mounting Kit (optional)

- Camera (Precision 40 or PrecisionHD 12x)
- Camera Cable
- Camera Mounting Bracket (optional)

- Table Microphone 20 (1 default and 1 optional)
- Microphone Extension Cable (optional)

- TRC6 Remote Control and two AAA Batteries
- Touch 10 Controller (optional)

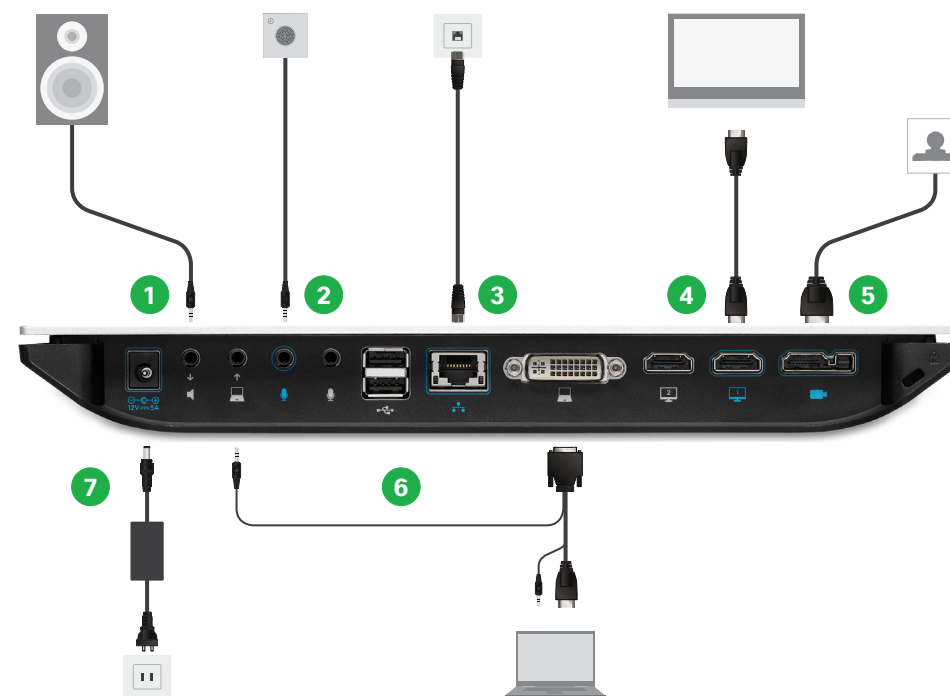
- Monitor or Projector
- Loudspeaker (external or built-in to the monitor)
- HDMI Cable for Monitor (1 default)

- PC
- VGA to DVI-A Cable for PC Connectivity (optional)
- HDMI to DVI-D Cable for PC Connectivity (optional)

Make sure that all units are switched off when connecting or disconnecting devices.

1-2 Connecting Cables

Connect all cables as illustrated.

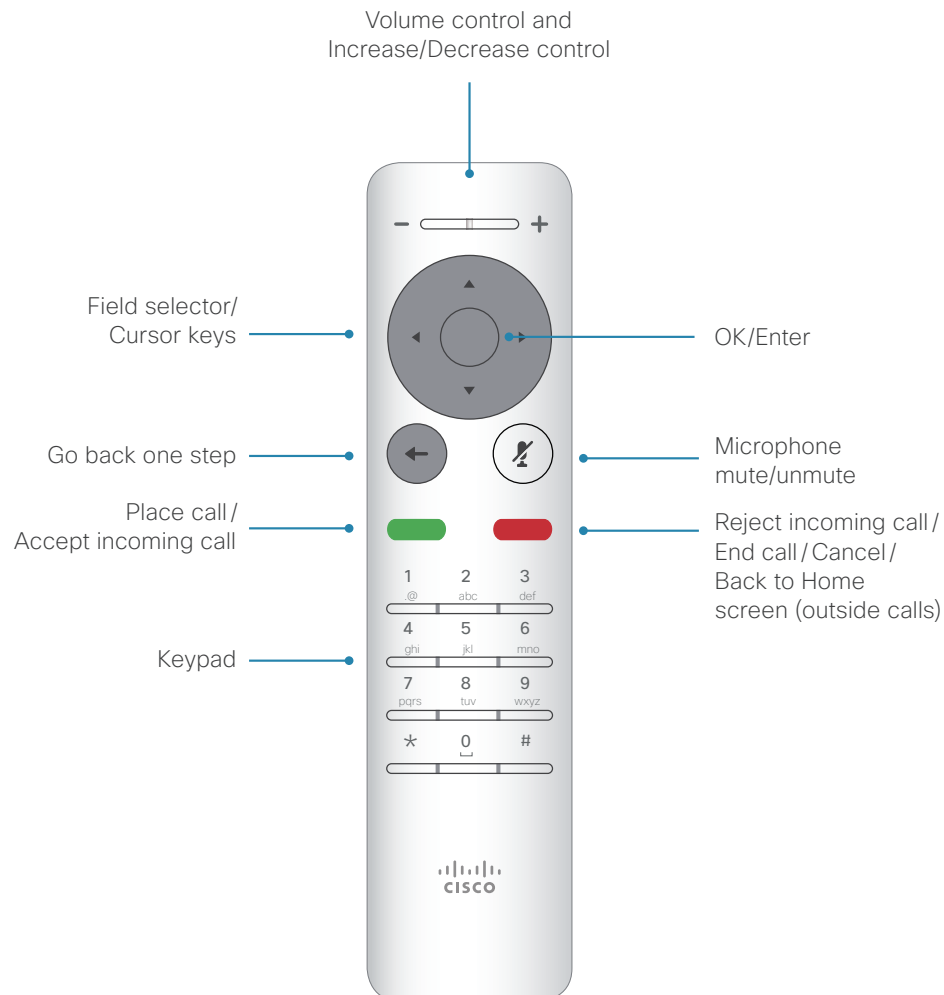


- 1 If connecting an external loudspeaker, please take care to use an active speaker (built-in amplifier). Use an ungrounded (floating) speaker to avoid ground loop noise.
- 2 Connect one or two microphones to your codec.
- 3 Connect the codec to LAN/Ethernet.
- 4 Connect your primary display to the blue colored HDMI socket. With the dual display option, connect the second display to the other HDMI output.
- 5 Connect your camera to the codec.
- 6 Connect a PC (video and audio) to be able to share presentations (locally, or with remote participants).
- 7 Always use the provided power supply.

2 Using TRC6 Remote Control

When you pick up the remote control, the system wakes up.

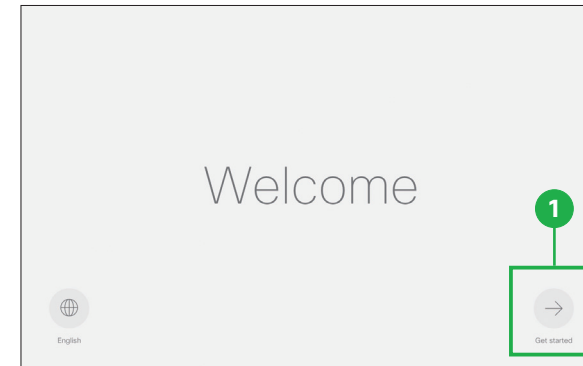
Use the [Cursor] controls to move about the screen and press [OK/Enter] to open the selected menu field. Use the [Cancel] key to exit a menu (and return to the Home screen) undoing any changes. Use the [Back] key to go just one step back. Make sure the remote control has working batteries (2 x AAA batteries).



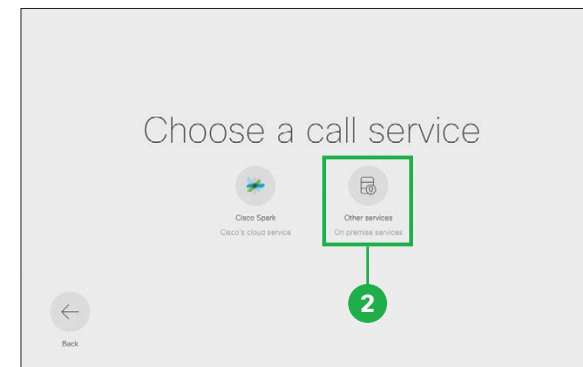
3 Using Setup Assistant

When you start the system for the first time, the setup assistant starts automatically. Navigate through the setup with either a remote control or from the touch touch controller.

1 Select [Get started].



2 Select [Other services].

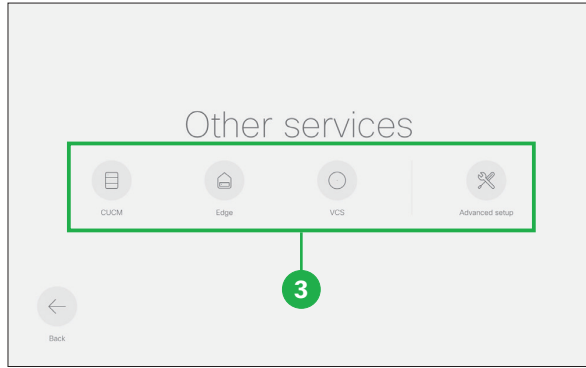


If your system is automatically provisioned, the IP and provisioning settings are automatically configured and the setup assistant skips these steps. Skip to 10.

MEMO

This guide doesn't cover information on Cisco Spark registered systems. For more information on Cisco Spark room systems, visit:

<https://help.webex.com/community/cisco-cloud-collab-mgmt>



3 Choose provisioning infrastructure.

If you choose [Advanced setup], the device skips registration to a call service, and you must register the system from the system's web interface. Skip to 10.



4 If you choose [CUCM], enter the required information.

5 Select [Apply] and skip to 10.

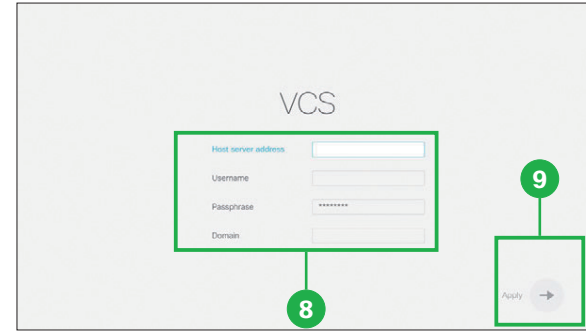
Contact your Cisco Unified Communications Manager (UCM) administrator to get the information needed.



6 If you choose [Edge], enter the required information.

7 Select [Apply] and skip to 10.

Contact your Cisco Unified Communications Manager (UCM) administrator to get the information needed.

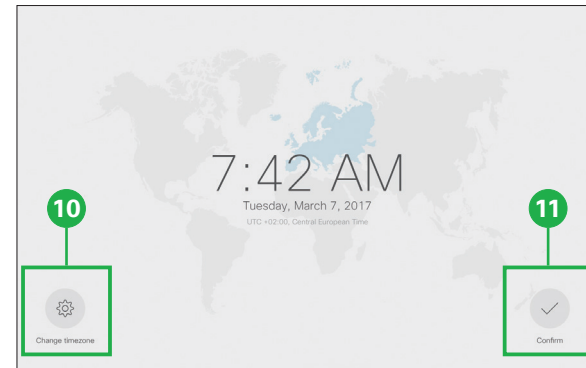


3 Using Setup Assistant

8 If you choose [Edge], enter the required information.

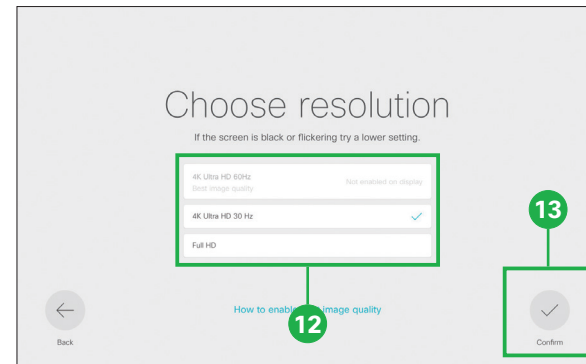
9 Select [Apply].

Contact your VCS provider to get the information needed.



10 Select [Change Timezone] and set your region, time zone, and time format.

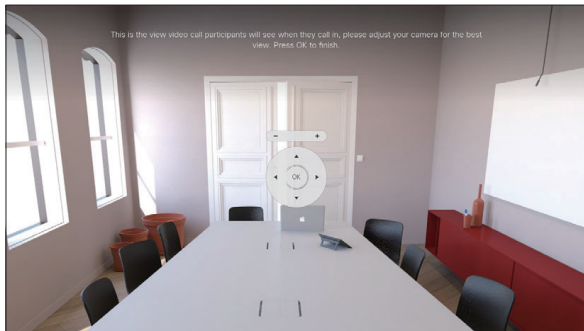
11 Select [Confirm].



12 Set the screen resolution according to what your screen supports.

If your screen is black or flickering, you can set the resolution to a lower setting. Only the settings supported by your screen are available are selectable on the setup assistant.

13 Select [Confirm].



- 14** Set the position where the camera is by default when the system wakes up.

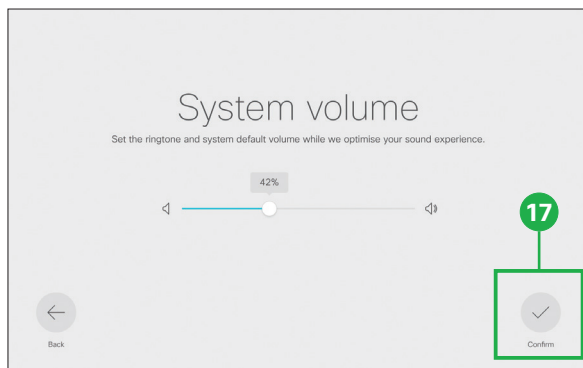
With either the remote control or touch controller, adjust the camera position with the pan and tilt wheel, and the zoom buttons.

- 15** Press [OK/Enter].

- 16** Adjust the volume.

Use the remote control or touch controller to set the default system volume, and the ringtone volume for your device.

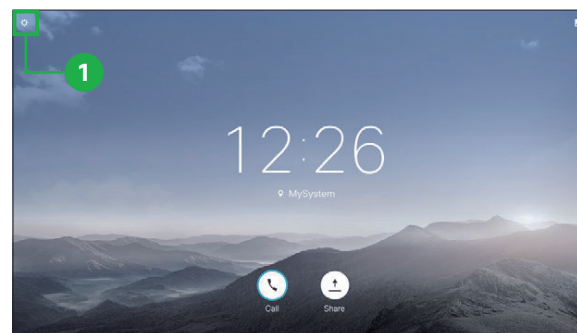
- 17** Select [Confirm].



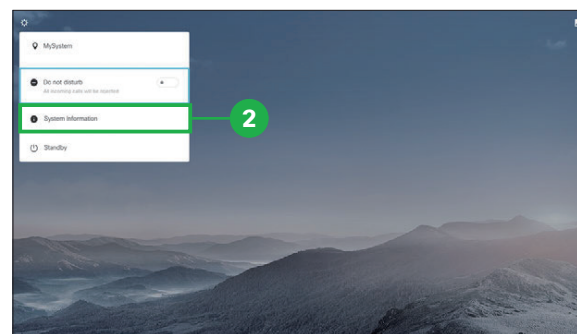
4 Finding IP address

You have to use the remote control or touch controller for the configurations, until you know your system's IP address.

If you know the IP address, you can configure your system through its web interface on your web browser.



- 1** Navigate to upper left corner of the screen and press [OK/Enter] on the remote control.



- 2** Navigate down to [System Information] and press [OK/Enter].

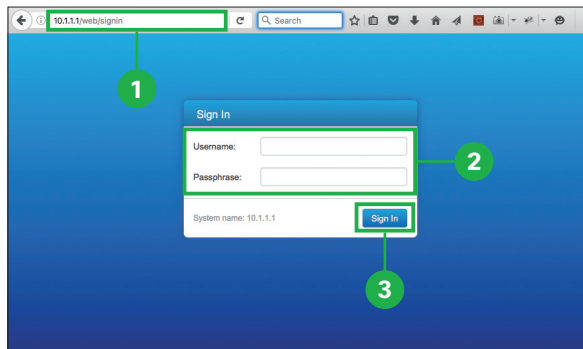
You can find the IP address.

⚠ Caution

If your network does not have a DHCP server, or uses MAC address filtering, the system address is not automatically assigned. Please contact your network administrator.

5 Using Web Interface

In general, we recommend you to use the web interface to administer and maintain the system. The web interface is the administration portal for the system. You can connect from a computer and administer the system remotely. It provides full configuration access and offers tools and mechanisms for maintenance.

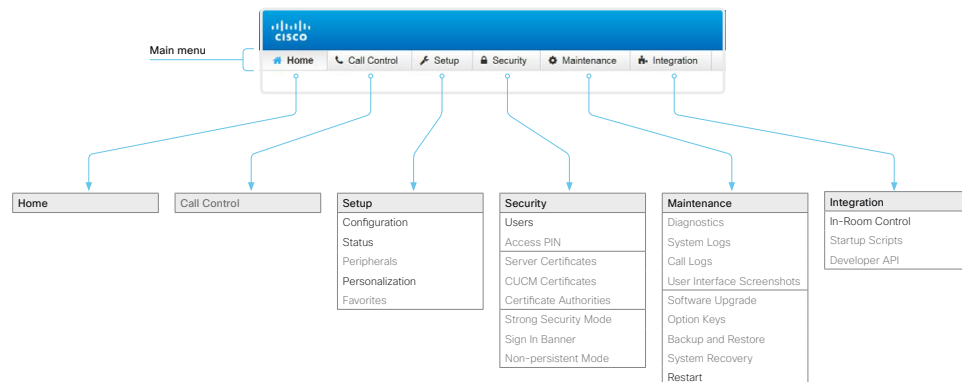


- 1 Launch a Web browser and enter the IP address into the address bar, then press [Enter] key.
- 2 Enter your [user name] and [passphrase].

The default user name is [admin] with no passphrase set.

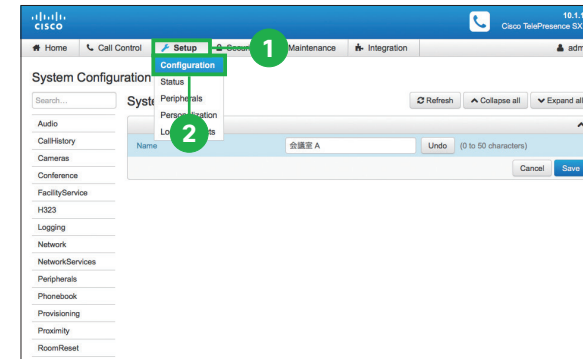
- 3 Click [Sign In].

The web interface is organized in sub-pages. All sub-pages shown below are available if the video system is registered to an on-premise service (CUCM, VCS); the pages shown in grey color are not available if the video system is registered to the Cisco cloud service (Cisco Spark).

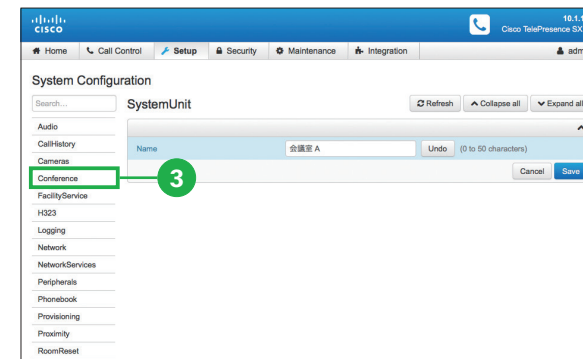


6 Configuring Direct IP Address Calls

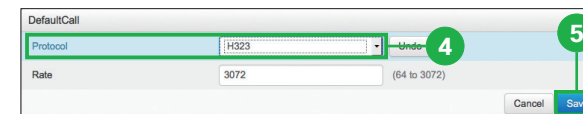
Without a provisioning system, you must configure each video system individually. To be able to make calls, you must set the IP address, if not provided by the network, and SIP/H.323 parameters.



- 1 Click [Setup].
- 2 Click [Configuration].



- 3 Click [Conference].



- 4 In the [DefaultCall] section, select [H323] from the [Protocol] drop down list.
- 5 Click [Save].

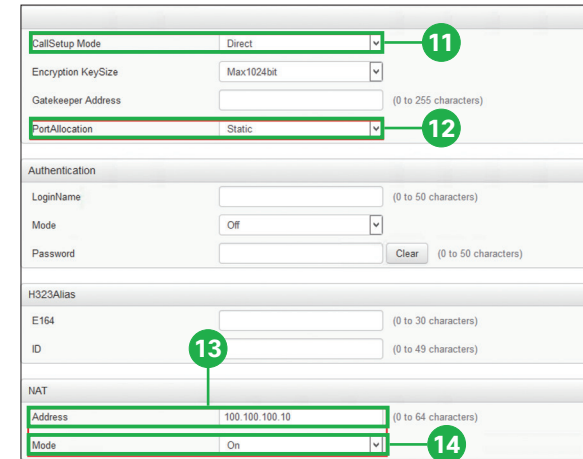
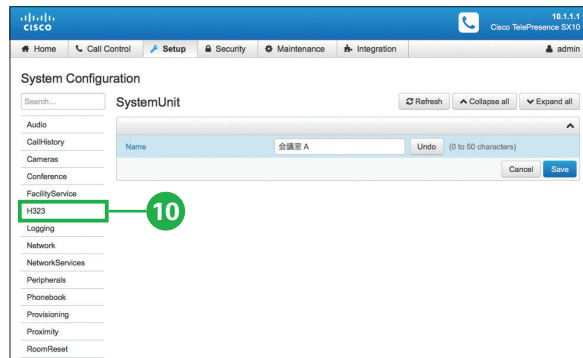
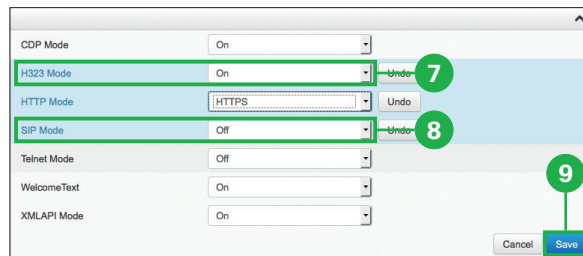
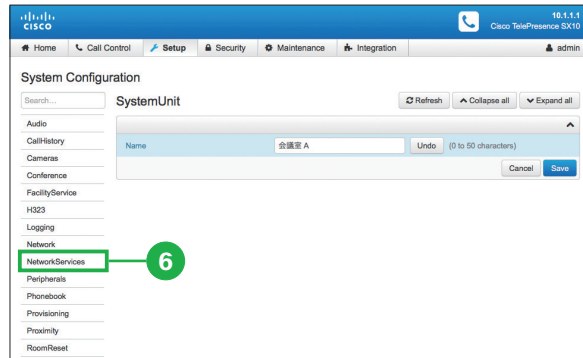
6 Click [Network Services].

7 Select [On] from the [H323 Mode] drop down list.

8 Select [Off] from the [SIP Mode] drop down list.

9 Click [Save].

10 Click [H323].



11 Select [Direct] from the [CallSetup Mode] drop-down list.

12 Select [Static] from the [PortAllocation] drop down list.

13 If you use a NAT router, enter the configured H323 NAT address in the [Address] field.

14 Select [On] from the [Mode] drop down list.

15 Click [Save].

Define the external/global IP address to the router with NAT support. Packets sent to the router will then be routed to the system.

⚠ Caution

In the router, the following ports must be routed to the system's IP address:

- Port 1720
- Port 5555-6555
- Port 2326-2487

- Product Documentation

- Cisco TelePresence SX Series

<http://www.cisco.com/go/sx-docs>