

## Overview



The HUAWEI TE30 videoconferencing endpoint (TE30 for short) delivers the 1080p HD video performance in a sleek design.

Key features:

- All-in-one design, simple installation
- Voice dialing, English & Chinese.
- Wi-Fi supported

## Getting Started

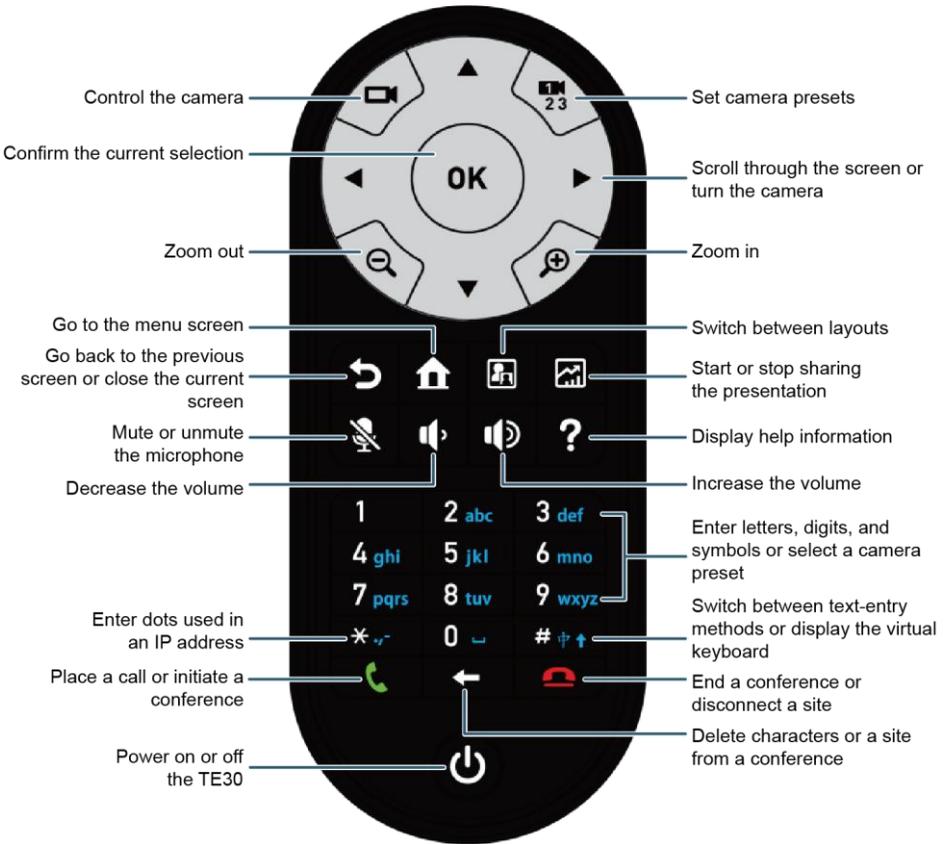


No.	Component	Description
1	Lens	12x optical zoom lens.
2	Built-in microphone	Provides 180-degree sound pickup and an optimal pick-up range of six meters.
3	MODE button	<ul style="list-style-type: none"><li>● Restores the TE30 to its default settings if you press and hold this button for 10 seconds or more when</li></ul>

No.	Component	Description
		<p>the TE30 is operating properly.</p> <ul style="list-style-type: none"> <li>Enters the boot ROM system if you press and hold this button for 3 seconds or more when the TE30 is being started.</li> <li>Switches the VGA IN port between VGA and YPbPr modes if you press this button when the TE30 is operating properly.</li> </ul>
4	Infrared receiver module	Receives infrared signals from the remote control provided with the TE30.
5	OLED display	Displays the IP address, site number, and indications for the startup, upgrade, sleep mode, and malfunction.
6	Status indicator	Indicates the TE30 status, including operating, sleeping, malfunctioning, and upgrading.
7	SELECT button	<ul style="list-style-type: none"> <li>Mutes or unmutes local microphones if you press this button when the TE30 is operating properly.</li> <li>Restores the TE30 to the settings of the last startup if you press and hold this button for 10 seconds or more when the TE30 is operating properly.</li> </ul>
8	USB port	Connects to a USB flash drive.
9	LINE IN port	Connects to an audio input source such as a computer and mobile phone.
10	MIC/TV/LAN/POWER port	Functions as an HDMI, Ethernet, microphone, or power port using the accessorial integration cable.

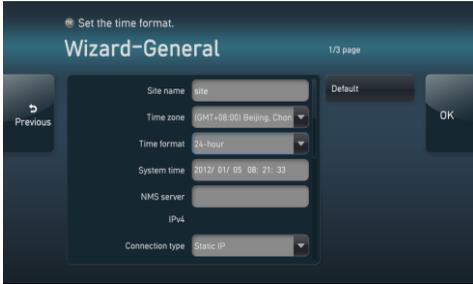
No.	Component	Description
11	LINE OUT port	Connects to an audio output device such as an external speaker or the input port in a monitor.
12	VGA IN port	Connects to a VGA input source such as a computer and DVD player.
13	VGA OUT port	Connects to a VGA display device such as a projector.

## ■ Using the Remote Control



- The maximum operating distance of the remote control is 15 meters.
- The remote control performance may be affected under bright light.

## ■ Configuring the TE30



When powered on for the first time, your TE30 prompts you to select a language. After you select a language, the screen to the left is displayed for you to set the general parameters.

**Q** If you set **NMS server**, **Connection type**, **Local IP address**, **Subnet mask**, and **Gateway address**, the TE30 automatically attempts to obtain the configuration of the network management system (NMS) server. After the TE30 obtains the configuration, it displays the conferencing screen.

Parameter	Description	Setting
NMS server	IP address of the HUAWEI SMC 2.0.	Contact the local reseller or operator.
Connection type	<p>Mode for obtaining an IP address.</p> <ul style="list-style-type: none"> <li>• <b>Static IP:</b> The network administrator assigns an IP address to your TE30. If you select this option, you must also set <b>Local IP address</b>, <b>Subnet mask</b>, and <b>Gateway address</b>.</li> <li>• <b>Dynamic IP:</b> When a DHCP server is available on the network, your TE30 automatically obtains an IP address using the Dynamic Host Configuration Protocol (DHCP).</li> </ul>	<p>The default value is <b>Static IP</b>.</p> <p>If you have set <b>NMS server</b>, select <b>Static IP</b> for this parameter.</p>

Parameter	Description	Setting
Local IP address Subnet mask	IP address and subnet mask of your TE30.	Contact the network administrator.  Examples: <ul style="list-style-type: none"> <li>IPv4 address: 192.168.1.10</li> <li>IPv6 address: 2000:0:0:0:200:55:26:1</li> </ul>
Gateway address	Gateway address that corresponds to the TE30 IP address.  This parameter is mandatory when <b>Connection type</b> is set to <b>Static IP</b> .	Contact the network administrator.  Examples: <ul style="list-style-type: none"> <li>IPv4 address: 192.168.1.1</li> <li>IPv6 address: 2000:0:0:0:200:55:0:1</li> </ul>

Click **OK** to save the settings. Then proceed based on your settings:

- If you have set **NMS server**, **Local IP address**, **Subnet mask**, and **Gateway address**, a dialog box is displayed. If you click **Yes**, the TE30 automatically attempts to obtain the NMS server configuration. After the TE30 obtains the configuration, it displays the conferencing screen.
- If you have not configured the NMS server or if the attempt to obtain the NMS server configuration times out, you must manually set H.323 and SIP parameters.

### Setting H.323 Parameters

On the screen shown to the left, set H.323 parameters.

Parameter	Description	Setting
Enable GK	<p>Whether to register your TE30 with the network gatekeeper (GK).</p> <ul style="list-style-type: none"><li>• If you select this option, the TE30 will register with the GK after being started. After the TE30 successfully registers with the GK, it can call endpoints defined in the address book by their IP addresses, numbers, and names.</li><li>• If you do not select this option, the TE30 will not register with the GK and can call other endpoints by their IP addresses only.</li></ul>	<p>By default, this option is deselected.</p>
Site number	<p>Site number for the TE30. If the TE30 is registered with the GK, other endpoints can call it by this number.</p>	<p>The site number can contain only digits. Example: 12345</p>
H.323 ID	<p>Name by which the GK identifies the TE30 after it registers with the GK.</p>	<p>The name consists of digits, letters, and special characters, such as @ # %. Example: ab3@Joe</p>
Authentication user name	<p>User name used for H.323 authentication.</p>	<p>Obtain the user name from your network service provider. Ensure that this user name is the same as that predefined on the GK.</p>

Parameter	Description	Setting
Password	Password used by the TE30 to register with the GK. The GK uses the password to authenticate your TE30.	Obtain the password from your network service provider.  Ensure that this password is the same as that predefined on the GK.
Huawei GK	Whether to enable the Huawei GK.  If the Huawei GK is disabled, some functions, such as <b>Conference Control</b> , are unavailable on the TE30.	By default, this option is deselected.  Deselect this option if your TE30 is interoperating with endpoints of other suppliers.

## Setting SIP Parameters



Click **Next**. On the screen shown to the left, set SIP parameters.

Parameter	Description	Setting
Register with server	Whether to register with the SIP server. <ul style="list-style-type: none"> <li>If you select this option, the TE30 will register with the SIP server. After the TE30 successfully registers with the SIP server, it can call endpoints defined in the address book by their IP addresses, numbers, and</li> </ul>	By default, this option is deselected.

Parameter	Description	Setting
	<p>names.</p> <ul style="list-style-type: none"> <li>If you do not select this option, the TE30 will not register with the SIP server and can call other endpoints by their IP addresses only.</li> </ul>	
Site number	Site number for the TE30. If the TE30 is registered with the SIP server, other endpoints can call it by this number.	Example: 12345
User name Password	User name and password used by the TE30 to register with the SIP server.	<p>The values can consist of numbers, letters, and special symbols, such as @ # %.</p> <p>Example: ab3@Joe</p>

Click **Finish**.

## ■ Getting to Know the User Interface

### Conferecing Screen



To access the conferencing screen, press  on the remote control.

To move section 1, 2, or 3 to the middle, press the left and right arrow keys on the remote control.

- 1 Conference schedules screen
- 2 Call screen
- 3 Conference history screen
- 4 System time
- 5 Status icon
- 6 Local IP address

## Menu Screen



To access the menu screen, press  on the remote control.

- You can find the menu bar on the left of the menu screen. This menu bar is your interface to all functions except conferencing.
- To hide the menu bar, press the left arrow key, , or  on the remote control.
- To show the menu bar again, press  on the remote control.

## ■ Initiating a Conference

From the conferencing screen, you can initiate a conference using one of the following methods:



Select **Call**. On the screen shown to the left, perform any of the following:

- In the text box, enter the name, IP address, or number of the site you wish to call. Then press **OK** or  on the remote control.
- From the displayed list, select the site or group you wish to call. Then press **OK** or  on the remote control.
- Click  or press and hold  on the remote control. Then speak out the name of the site you wish to call.



Select **Conference History**. On the screen shown to the left:

- Select a multipoint conference entry and press **OK** on the remote control twice.
- Select a point-to-point conference entry and press **OK** on the remote control.



Select **Conference Schedules**. On the screen shown to the left, select a favorite or ongoing conference and press **OK** on the remote control to initiate or join the conference.

- : indicates that the conference is ongoing.
- : indicates that the conference has not yet started and you cannot call into it.
- : indicates that the conference is a favorite conference.

## ■ Sharing a Presentation

Use a VGA cable to connect the video output of the presentation source to the VGA IN port in the TE30. Then press the key on the remote control to share the presentation.

The presentation contents can be static pictures, such as a computer desktop, or motion video played on a Digital Video Disc (DVD) or Video Compact Disc (VCD) player.

## ■ Switching Between Screen Layouts

To switch the layout between full screen, Picture in Picture (PiP), two-pane, and three-pane modes, press  on the remote control or select  from the menu bar.

## ■ Selecting and Controlling a Camera

Selecting a Camera

1. Press  on the remote control to switch to the local or remote camera. If multiple local or remote cameras are available, use the following method to select a specific camera.
2. Press  on the remote control and select the desired camera from the list displayed in the lower right corner.

Controlling a Camera

Press  on the remote control to access the camera control screen.

- To turn the camera, press the arrow keys on the remote control.

- To zoom in, press . To zoom out, press .

To adjust the focal length, select  from the menu bar and select **Adjust Focus**.

## ■ Muting or Unmuting Local Microphones

To mute or unmute local microphones, use either of the following methods:

- Press  on the remote control.
- Press the SELECT button in the TE30. Refer to **Getting Started** for the button location.

## ■ Adjusting the Volume

To adjust the volume, press  or  on the remote control. If the volume is adjusted to the lowest, the local speakers are muted.

## ■ Controlling a Conference



During a multipoint conference, the menu bar is like the one shown to the left.

- : indicates that you can send instant messages to specified sites.
- : indicates that you can switch the conference between video and audio-only states.

The TE30 does not provide any conference controls during point-to-point conferences.

Select **Conference control** from the menu bar. Then use the conference controls listed in the following figure.

Use...	To...
View Site	View a site (available for all sites) or multiple sites in turn at preset intervals (available for the chair site only).
Request Chair	Request chair control rights.
Request Floor	Request the floor. This function is useful especially when a remote site is being broadcast.
Disconnect Site	Disconnect a site from the conference.
Delete Site	Delete a site that has or has not joined the conference.
Broadcast Site	Force all the sites in the conference to view the broadcast site. The chair site can broadcast one site at a time or multiple sites in turn at preset intervals.
Call Site	Call an absent site in the site list to join the conference. To call all absent sites to join the conference, click <b>Call All</b> .

## ■ Ending a Conference

Press  on the remote control and follow the onscreen instructions to end or exit the conference.

*Should you encounter any problems when using the TE30, contact Huawei customer service hotline at 400-822-9999.*

*Visit <http://enterprise.huawei.com> to obtain more documentation about the product.*