

■ What's in the Box

| | | |
|---|---|---|
|  <p style="text-align: center;">TE30</p> |  <p style="text-align: center;">Power adapter and power cable</p> |  <p style="text-align: center;">Network cable</p> |
|  <p style="text-align: center;">L-shaped bracket and hook-and-loop fastener</p> <ul style="list-style-type: none"> • L-shaped bracket: secures the TE30 during mounting. • Hook-and-loop fastener: secures the L-shaped bracket to a monitor or bundles cables. |  <p style="text-align: center;">Accessorial integration cable</p> <p>This cable provides two female connectors and is used to extend an HDMI cable for transmission over a longer distance. Connect the two female connectors to the HDMI connector of the integration cable provided and the male connector of a standard HDMI cable.</p> |  <p style="text-align: center;">HDMI cable</p> <p>Extends the HDMI cable for longer transmission.</p> |
|  <p style="text-align: center;">Screw</p> <p>M6 x 30 Phillips screw with a washer Steel drop-in expansion bolt M3 x 6 countersink screw</p> |  <p style="text-align: center;">Remote control</p> <p>1/4"-20UNC Inch screw</p> | <p style="text-align: center;">合格证 QUALIFICATION CARD</p> <p>检验员(Qc):</p> <p style="text-align: center;"> HUAWEI</p> <p style="text-align: center;">Qualification Card</p> |
|  <p style="text-align: center;">Warranty Card</p> |  <p style="text-align: center;">Safety Precautions</p> <p>Basic Requirements</p> <ul style="list-style-type: none"> • Read the manual carefully before using the device. • Do not use the device in a flammable or explosive atmosphere. • Do not use the device in a high-temperature or high-humidity environment. • Do not use the device in a high-voltage or high-current environment. • Do not use the device in a high-magnetic field environment. • Do not use the device in a high-frequency electromagnetic field environment. • Do not use the device in a high-vibration environment. • Do not use the device in a high-pressure environment. • Do not use the device in a high-temperature or high-humidity environment. • Do not use the device in a high-voltage or high-current environment. • Do not use the device in a high-magnetic field environment. • Do not use the device in a high-frequency electromagnetic field environment. • Do not use the device in a high-vibration environment. • Do not use the device in a high-pressure environment. <p>Power Supply Precautions</p> <ul style="list-style-type: none"> • Do not use the device with a power supply that is not specified in the manual. • Do not use the device with a power supply that is not specified in the manual. • Do not use the device with a power supply that is not specified in the manual. <p>Operating Requirements</p> <ul style="list-style-type: none"> • Do not use the device in a high-temperature or high-humidity environment. • Do not use the device in a high-voltage or high-current environment. • Do not use the device in a high-magnetic field environment. • Do not use the device in a high-frequency electromagnetic field environment. • Do not use the device in a high-vibration environment. • Do not use the device in a high-pressure environment. <p style="text-align: center;">Safety Precautions</p> |  <p style="text-align: center;">Quick Start Guide Quick reference Guide</p> |

 The power adapter, power cable, and accessorial integration cable in the box can be used only with the endpoint in the same box. The item pictures are for your reference only.

Overview

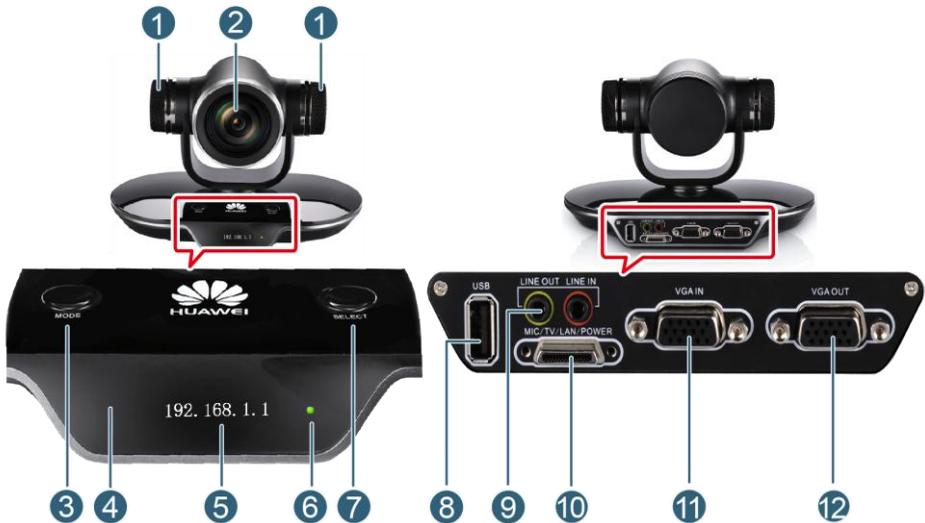


The HUAWEI TE30 videoconferencing endpoint (TE30 for short) delivers 1080p HD video performance in a sleek design.

The TE30 features:

- All-in-one design with simple installation
- Voice dialing using English
- Support for Wi-Fi access

Getting Started



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

| No. | Component | Description |
|-----|--------------------------|--|
| | | <ul style="list-style-type: none"> Enters the bootrom system if you press and hold this button for 3 seconds or more when the TE30 is being started. Places the TE30 in sleep mode or wakes it up if you press this button when it is operating properly. |
| 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 sleep mode, startups, upgrades, and malfunctions. |
| 6 | Status indicator | Indicates the TE30 status, including operating, sleeping, malfunctioning, and upgrading. |
| 7 | SELECT button | <p>When the TE30 is operating properly:</p> <ul style="list-style-type: none"> Toggles the VGA OUT port between VGA and YPbPr modes if you press this button. Restores the TE30 to the settings used during its previous operating if you press and hold this button for 10 seconds or more. |
| 8 | USB port | Connects to a USB flash drive. |
| 9 | LINE IN port | Connects to an audio input source, such as a computer or mobile phone. |
| | LINE OUT port | Connects to an audio output device, such as an external speaker or monitor. |
| 10 | MIC/TV/LAN/POWER port | Functions as an HDMI, Ethernet, microphone, or power port using the integration cable provided. |
| 11 | VGA IN port | Connects to a VGA input source, such as a computer or Digital Video Disc (DVD) player. |
| 12 | VGA OUT port | Connects to a VGA display device, such as a projector. |

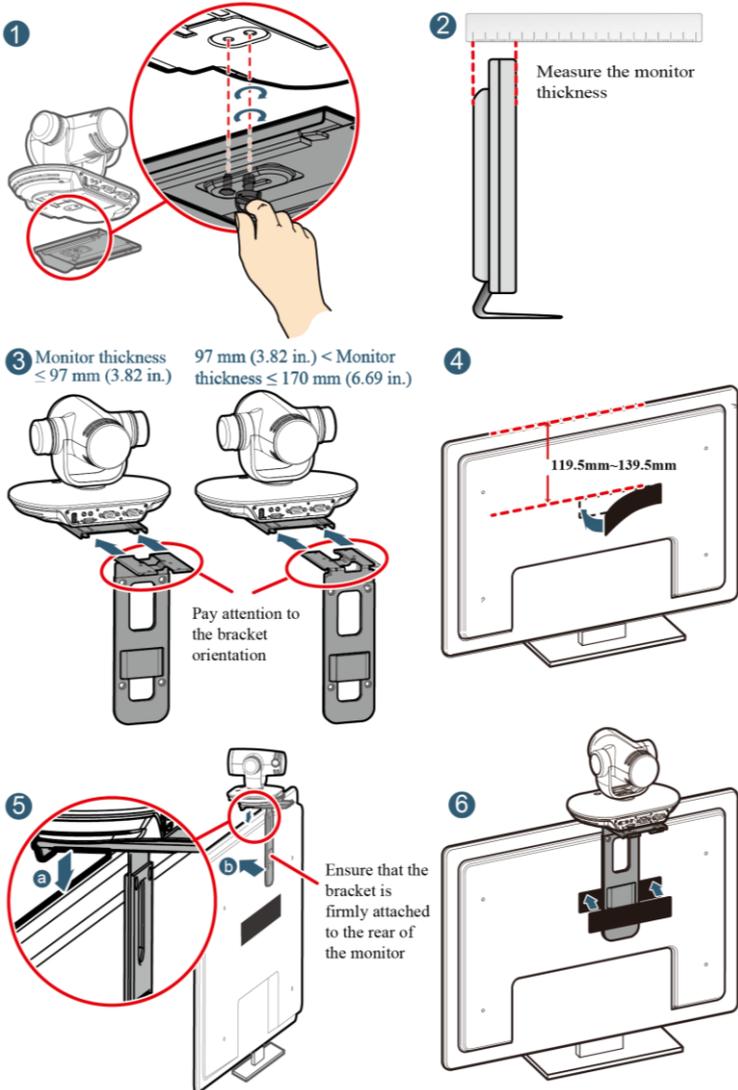
Note:

- The TE30 itself weighs 2.1 kg, with the dimensions (H x W x D) of 157 mm x 235 mm x 167 mm (6.18 in. x 9.25 in. x 6.57 in.).
- Before installing the TE30, prepare an electric screwdriver, hammer drill, and hammer.

■ Installation

Standard Mounting

- If the monitor is 97 mm (3.82 in.) or slimmer, follow the steps in the following figure.
- If the monitor is 170 mm (6.69 in.) or thicker or is wall-mounted, use the free-standing, wall-mounting, inverted installation, or other installation options.



Wall-Mounting

Drill four holes in the wall for mounting the bracket, each with a diameter of 8 mm (0.31 in.) and depth of 35 mm (1.38 in.). While drilling, make sure the two upper holes are in a straight line and parallel to the ground, so the TE30 is level after installation. Connect the cables delivered with the TE30. Then follow the steps in the following figure to install the TE30.

Tool pictures for reference



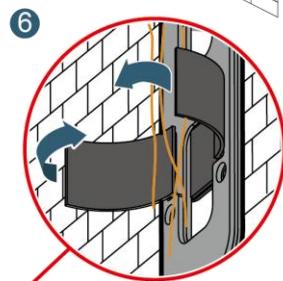
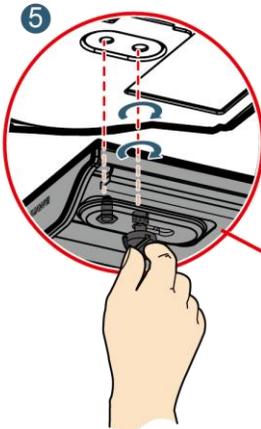
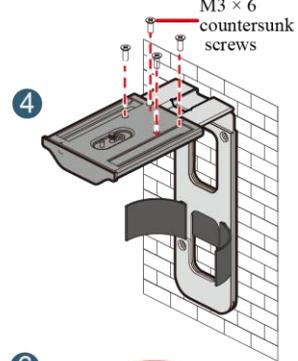
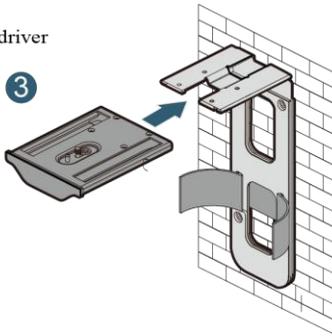
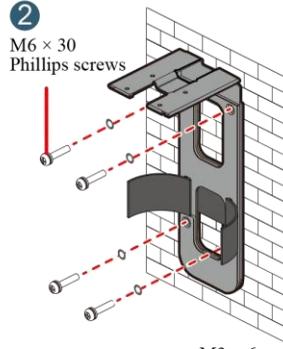
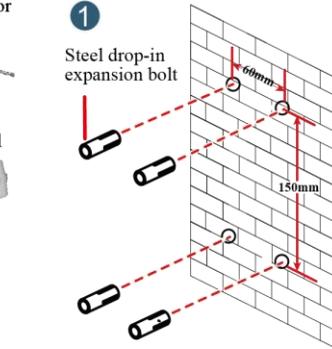
Hammer drill



Hammer



Electric screwdriver



Yellow lines indicate cables, and the color is for your reference only. Connect the cables delivered with the TE30.

Free-Standing

Place the TE30 on a flat surface.

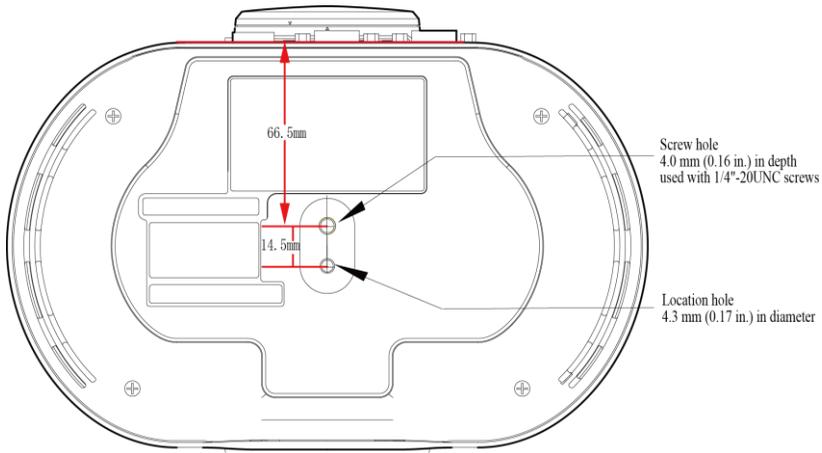
If you have to place the TE30 on an inclined surface, ensure that the inclination is less than 15° so that the TE30 can function properly.

Inverted Installation

Purchase a bracket for inverted installation and mount the TE30 onto the ceiling using the bracket.

The bracket must meet the following requirements:

- It is able to bear a weight of at least 10.5 kg (23.15 lb) and has a thickness between 2 mm (0.08 in.) to 3 mm (0.12 in.).
- It comes with a location pillar, which can be inserted into the location hole of the TE30. The distance between the screw hole on the bracket and location pillar must be 14.5 mm (0.57 in.), which is also the distance between the two holes on the bottom of the TE30.
- It comes with a screw hole and one or more 1/4"-20UNC screws.



- When attaching the purchased bracket and TE30, it is recommended that you use a 1/4"-20UNC screw delivered with the purchased bracket rather than a 1/4"-20UNC screw delivered with the TE30 because the length of the latter may be too long or too short to hold up the purchased bracket.
- In this installation mode, the mesh enclosures of the microphones must be rotated 30 degrees in the directions shown in the following figure until they are tightened. Do not rotate the mesh enclosures in other installation modes; otherwise, sound pickup may be affected.

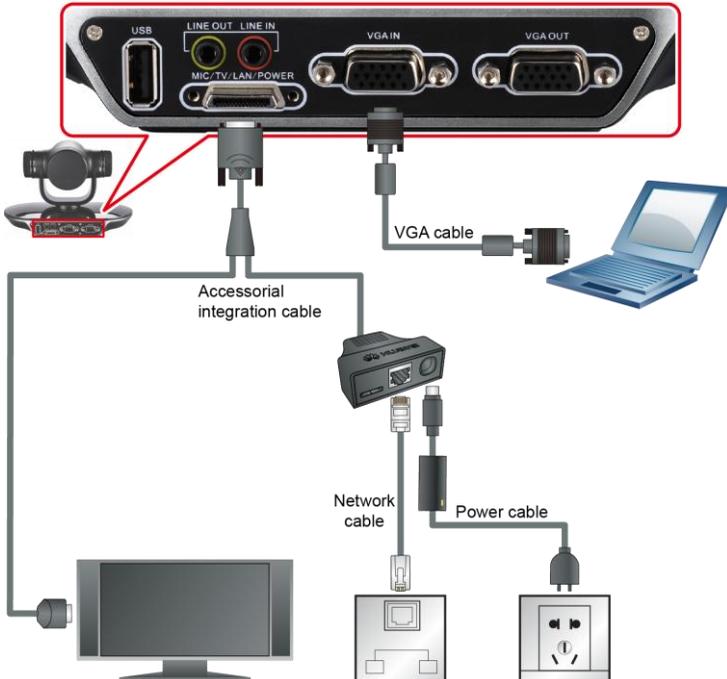


Other Installation Options

Purchase a tripod and install the TE30 on it. The tripod must be able to bear a weight of at least 10.5 kg (23.15 lb), and the sizes and positions of its holes must be the same as those of the holes on the bottom of the TE30.

■ Connecting Cables

The following figure shows a cable connection example in which the HDMI port is used for video output.



- The VGA cable is not provided with the TE30. You need to purchase it by yourself.
- The cable connection shown in the preceding figure is the simplest and provided only for reference. Visit <http://enterprise.huawei.com> and choose **SUPPORT > Product Support > Unified Communications and Collaboration > Telepresence and Videoconferencing > Videoconferencing Endpoints** to access the *HUAWEI TE30 Videoconferencing Endpoint User Guide* for more cable connection instructions.

■ Powering On the TE30

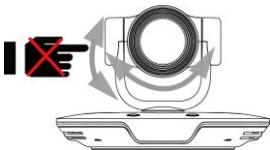
With all cables connected correctly, use the power adapter to connect the TE30 to a power supply. When the power adapter indicator turns on, the TE30 automatically powers on and the **Wizard** screen is displayed.

If the HDMI port is used for video output, after you set the parameters on the Wizard screen, the menu screen is displayed.

If the VGA OUT port is used for video output, perform the following steps to access the menu screen. Press and hold  on the remote control for 5 seconds. Choose **Advanced Settings > Settings > Video > Common Settings**, select **Video Output**, and select **VGA OUT for GUI, Caption output**, and **Main output interface**.

The following table describes the TE30 indicator status.

| Indicator Status | TE30 Status | Indicator Status | TE30 Status |
|------------------|-----------------------|------------------|--|
| Blinking green | Starting or upgrading | Steady orange | Powered off but connected to the power supply |
| Steady green | Operating properly | Off | Disconnected from the power supply |
| Blinking orange | Sleeping | Blinking red | Encountered a fault, such as a self-check error, overheating, and software malfunction |



Do not turn the TE30 or stop it from turning using your hands or other forces when the TE30 is powered on and working properly.

■ Loading the Configuration File

The TE30 automatically loads the configuration file on a USB device, such as a USB flash drive. After the configuration file is loaded, the TE30 works properly. If no USB device is available, load the configuration file on the **Wizard** screen.

Using a USB Device

The USB device is provided by your operator or Huawei's reseller or service engineers. Huawei's service engineers provide the configuration file, which you must not modify unless requested to do so.

To load the configuration file on the USB device:

1. Insert the USB device into the USB port in the TE30.
2. When prompted, click **Yes**.

The TE30 automatically loads the configuration file and restarts.



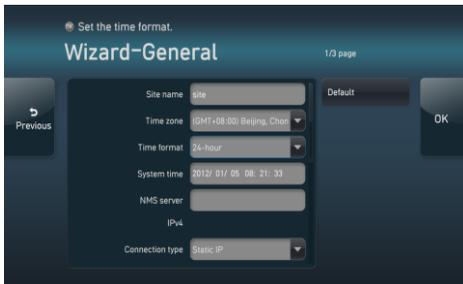
If you do not perform any operations within 10 seconds after you insert a USB device, the TE30 automatically loads the configuration file and restarts.

3. Remove the USB device.

Using the Wizard Screen

Setting General Parameters

When the TE30 is connected to a monitor and both are powered on, the monitor displays the **Wizard** screen by default.



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

| Parameter | Description | Setting |
|--------------|--|--|
| NMS server | IP address of the SMC 2.0. | Contact your local reseller or operator. If the network has no SMC 2.0 deployed, leave this field blank. |
| IPv4 IPv6 | <ul style="list-style-type: none"> • IPv4 settings for the TE30. Under IPv4, you must set Connection type, Local IP address, Subnet mask, and Gateway address. | By default, IPv6 is not selected. If you select IPv6, you must set Connection type , Local IP address , Subnet prefix length , and |

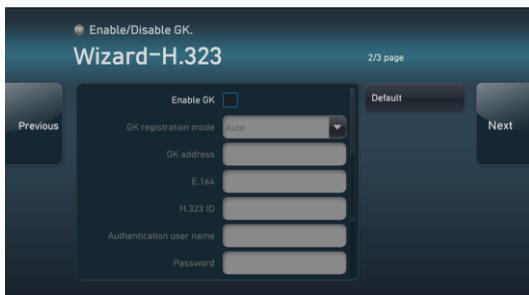
| Parameter | Description | Setting |
|---------------------------------|---|---|
| | <ul style="list-style-type: none"> IPv6 settings for the TE30. | <p>Gateway address. The TE30 will then use IPv4 or IPv6 to communicate with another endpoint based on the endpoint's support for IPv6.</p> |
| Connection type | <p>Mode for obtaining an IP address.</p> <ul style="list-style-type: none"> Static IP: Your network administrator assigns an IP address to your TE30. If you select this option, you must also set Local IP address, Subnet mask, and Gateway address. Dynamic IP: When a DHCP server is available on the network, your TE30 automatically obtains an IP address using the Dynamic Host Configuration Protocol (DHCP). | <p>The default value is Static IP.</p> <p>If you have set NMS server, select Static IP for this parameter.</p> |
| Local IP address Subnet mask | <p>IP address and subnet mask of your TE30.</p> <p>To enable the TE30 to automatically obtain the NMS server settings from the SMC 2.0, ensure that the IP address of the TE30 is in the same network segment as that of the SMC 2.0.</p> | <p>Contact your network administrator.</p> <p> If an IP address conflict occurs, change this IP address to one in the specified IP address range. For example, if the IP address range is 192.168.1.1 through 192.168.1.100, and the current IP address is 192.168.1.2, change the section in bold while ensuring that the new IP address is still in the IP address range.</p> <p>Examples:</p> <ul style="list-style-type: none"> IPv4 address: 192.168.1.1 IPv6 address: 2000:0:0:0:200:55:26:1 |

| Parameter | Description | Setting |
|-----------------|--|---|
| Gateway address | Gateway address that corresponds to the TE30 IP address. | <p>Contact your network administrator.</p> <p>This parameter is mandatory when Connection type is set to Static IP.</p> <p>Examples:</p> <ul style="list-style-type: none"> IPv4 address: 192.168.1.1 IPv6 address: 2000:0:0:0:200:55:0:1 |

Click **OK** to save your 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 settings. After the TE30 obtains the settings, it displays the conferencing screen. You do not need to set H.323 or SIP parameters.
- If you have not configured the NMS server or if the attempt to obtain the NMS server settings times out, you must manually set the H.323 and SIP parameters to display the conferencing screen.

Setting H.323 Parameters



If the attempt to obtain the NMS server settings fails, the screen shown on the left is displayed. Set the H.323 parameters on this screen.

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

| Parameter | Description | Setting |
|-----------|--|---|
| Huawei GK | Whether to enable the Huawei GK. If the Huawei GK is disabled, some functions, such as Conference Control , are unavailable on the TE30. | By default, this parameter is deselected. Retain the default setting if your TE30 is interoperating with endpoints from other suppliers. |

Setting SIP Parameters



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

| Parameter | Description | Setting |
|----------------------|---|--|
| Register with server | Whether to register with the SIP server. <ul style="list-style-type: none"> If you select this parameter, the TE30 registers with the SIP server. After successfully registering with the SIP server, the TE30 can call endpoints defined in the address book by their IP addresses, numbers, and names. If you do not select this parameter, the TE30 does not register with the SIP server and can call other endpoints only by their IP addresses. | By default, this parameter is deselected. |
| Server address | IP address or domain name of the SIP server with which you want the endpoint to register. If you set this parameter to the domain name of the SIP server, enable the domain name server (DNS). If the DNS cannot be enabled, select Enable proxy | No default value is set for this parameter. Obtain this user name from your network service provider. |

| Parameter | Description | Setting |
|-----------------------|--|--|
| | server. | |
| Site number | Site number for the TE30. If the TE30 has registered with the SIP server, other endpoints can call the TE30 by this number. | The site number can contain digits or a combination of digits and a domain name. Example: 12345 |
| User name Password | User name and password the TE30 uses to register with the SIP server. | The values consist of digits, letters, and special characters, such as @ # %. Example: ab3@Joe |

Click **Finish**.

To obtain more documentation for the endpoint, visit <http://enterprise.huawei.com> and choose **SUPPORT > Product Support > Unified Communications and Collaboration > Telepresence and Videoconferencing > Videoconferencing Endpoints**.