

**TE10 Videoconferencing Endpoint
V500R003C20**

Product Description

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About This Document

Purpose

This document provides the positioning, highlights, networking schemes, features, and technical specifications of the HUAWEI TE10 videoconferencing endpoint (TE10 or endpoint for short).






Intended Audience

This document is intended for:

- End users
- Agents

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 DANGER	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
 NOTICE	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results. NOTICE is used to address practices not related to personal injury.
 NOTE	Calls attention to important information, best practices and tips. NOTE is used to address information not related to personal injury, equipment damage, and environment

Symbol	Description
	deterioration.

Change History

Changes between document issues are cumulative. The latest document issue contains all the changes made in earlier issues.

Issue 01 (2016-07-30)

This issue is the first official release.

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1 Product Positioning

The TE10 is an integrated high definition (HD) videoconferencing endpoint with a minimalist design. It can connect to networks over Wi-Fi and interwork with various cloud platforms. The TE10 is an innovative product that can also offer cloud services.

Table 1-1 describes the features and application scenarios of the TE10.

Table 1-1 TE10 features and application scenarios

TE10	Feature	Application Scenario
	<ul style="list-style-type: none">• Integrates a camera, three stereo microphones, and a speaker.• Enables video communication after having the power cable, video output cable, and network cable well connected.• Adopts a compact design and a metal shell, which is easy to move and install.• Supports a resolution of up to 720p 30 fps.	Small conference rooms (less than 20 m ²)

2 Product Structure

2.1 Appearance

The TE10, as shown in Figure 2-1, is sleek, compact, and aesthetically pleasing.

Figure 2-1 Appearance of the TE10



Figure 2-2 shows the remote control that comes with a TE10.

Figure 2-2 Remote control



2.2 Front Panel and Rear Panel

Figure 2-3 shows the TE10 front panel.

Figure 2-3 Front panel



Table 2-1 describes the components on the front panel.

Table 2-1 Components on the front panel

No.	Component	Description
1	Built-in microphone	Provides 180-degree sound pickup for the local site, with an optimal range of six meters.

No.	Component	Description
2	Lens	Supports 3x digital zoom and 108-degree wide angle.
3	Status indicator	Shows whether the TE10 is running, sleeping, upgrading, or malfunctioning.

Table 2-2 describes the TE10 indicator status.

Table 2-2 TE10 indicator status

When The Indicator Is...	The TE10 Is...
Off	Powered off.
Blinking white twice per second	Powering on.
Blinking white four times per second	Being upgraded.
Steady white	Working properly.
Blinking white once	Responding to the press on a button on the remote control.
Blinking white (on for 1s, off for 2s)	Standby.
Steady red	Having a hardware fault.
Steady orange	Having a software fault.
Blinking orange twice per second	Overheated.

Figure 2-4 shows the TE10 rear panel.

Figure 2-4 Rear panel

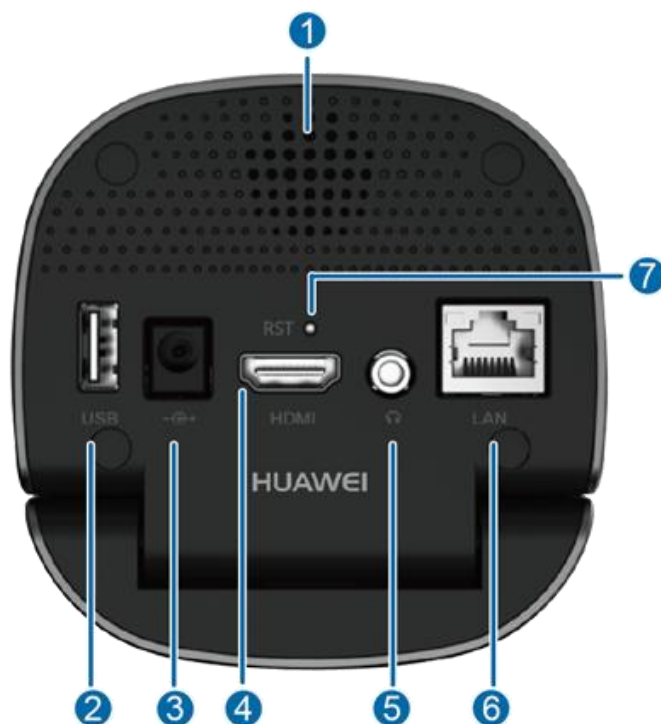


Table 2-3 describes the components on the rear panel.

Table 2-3 Components on the rear panel

No.	Component	Description
1	Built-in speaker	Used for audio output.
2	USB port	Connects to a USB device, for example, U flash drive and wired/wireless keyboard or mouse.
3	Power port	Connects to a power supply. Voltage: 100 V to 240 V AC or 12 V DC Current: 1 A Frequency: 50 Hz or 60 Hz
4	HDMI OUT	Connects to a TV set or monitor to deliver video, presentation, and audio of the local or remote site. This port supports a resolution of up to 1080p 60 fps.
5	LINE OUT	3.5 mm (0.14 in.) audio output port, which connects

No.	Component	Description
		to the audio input port on a monitor or an external speaker.
6	LAN	Ethernet port that supports 10/100/1000 Mbit/s full duplex.
7	RST	<p>Reset button.</p> <ul style="list-style-type: none"> • When the TE10 is powering on, press and hold this button for 3s to reset the TE10 to the pre-installed system version. • When the TE10 is running, press and hold this button for 10s to reset the TE10 to factory settings. <p>When you press and hold this button for 3s, the system will prompt you that your TE10 will be reset to factory settings if you press and hold this button for 10s.</p>

3 Technical Specifications

3.1 Physical Specifications

Table 3-1 lists the physical specifications of the TE10.

Table 3-1 TE10 physical specifications

Item	Specifications
Electricity supply requirements	
Power supply	100–240 V AC or 12 V DC
Working frequency	50–60 Hz
Maximum power consumption	8 W
Working state environment requirements	
Ambient temperature	0 °C to 40 °C (32 °F to 104 °F)
Relative humidity	10% to 80%
Ambient noise	< 46 dBA SPL
Minimum illuminance	7 lux
Recommended illuminance	> 300 lux
Non-working state environment requirements	
Ambient temperature	–40 °C to +70 °C (–40 °F to 158 °F)
Relative humidity	0% to 95%
Dimensions and weight	
Endpoint dimensions (H x W x D)	90 mm x 90 mm x 90 mm
Package dimensions (H x W x D)	(To be determined.)
Net weight	500 g
Gross weight	(To be determined.)

Item	Specifications
Built-in camera features	
Image sensor	(To be determined.) 2-megapixel, 1/3-inch CMOS
Resolution	720p 30 fps
Lens	<ul style="list-style-type: none"> • Zoom: 3x digital zoom (optical zoom not supported) • Focal length: F = 3.9 mm to 46.8 mm • Lens aperture: F1.8 to F2.8 • Maximum horizontal field of view: 108 ° • Auto White Balance (AWB), Auto Exposure (AE) • Three video modes that can be switched flexibly: standard, vivid, and natural • Support for ePTZ control
Exposure	Automatic or manual
White balance	Automatic or manual
Built-in microphone	
Sound pickup	The TE10 supports 180-degree audio pickup at a radius of up to 6 meters.
Bluetooth features	
Maximum working range without obstruction	10 m
Number of Bluetooth speakers (with embedded sound pickup) that can be connected	1