

ThinkSmart Bar 180 User Guide

Lenovo
ThinkSmart

Lenovo

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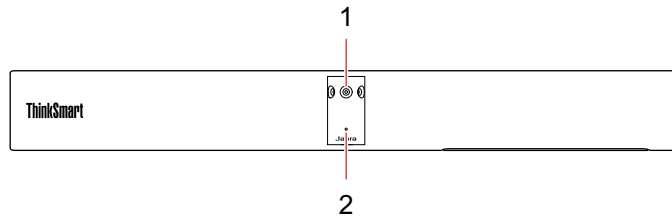
About this documentation

- Illustrations in this documentation might look different from your product.
- Documentation content is subject to change without notice. To get the latest documentation, go to <https://smartsupport.lenovo.com/>.

Chapter 1. Overview

Thank you for choosing ThinkSmart Bar 180.

Front view

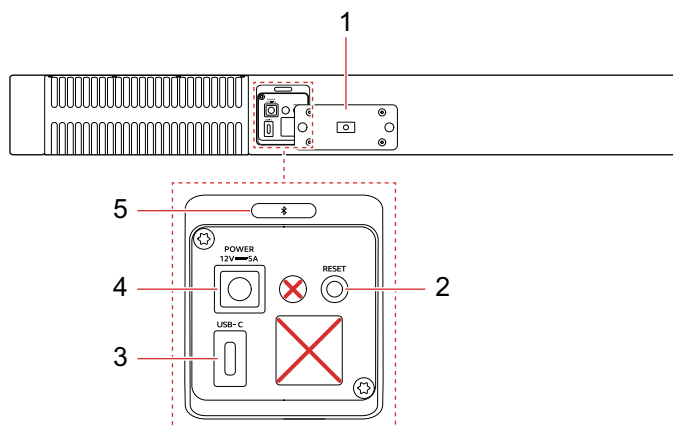


No.	Description
1	Cameras
2	LED

Table 1. LED status

LED status	Indication
Off	The device is off or not streaming.
Pulsing white	The device is starting up.
Pulsing red	The room capacity exceeds the limit.
On for 3 seconds	The device is connected.
Solid white	The device is in a call or streaming video or media.
Solid red	The device is in a call with audio muted.

Rear view



Note: Connectors marked with a cross symbol  are not available on ThinkSmart Bar 180.

No.	Description
1	Adjustable mounting bracket
2	Reset button
3	USB-C® connector (USB 5 Gbps)
4	Power connector (12 V dc, 5 A)
5	Bluetooth button Note: Bluetooth button is used to pair Jabra® remote control (not included in the package).

Reset button

Resetting will restore the ThinkSmart Bar 180 to its factory default settings.

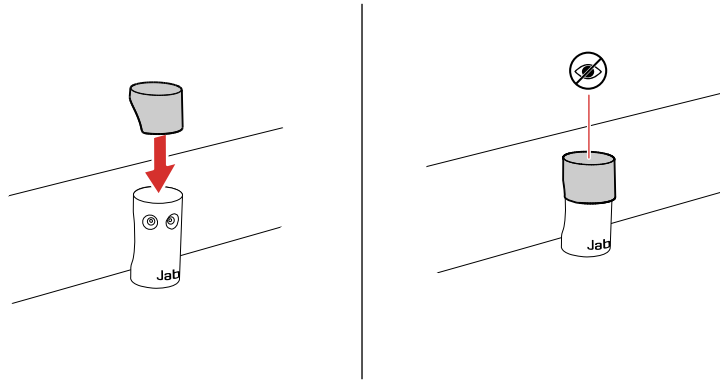
1. Press and hold the Reset button for five seconds until the LED flashes pink and you hear an audio notification.
2. The ThinkSmart Bar 180 will reboot and play another audio notification when ready for use. The reboot takes approximately one minute.

Statement on USB transfer rate

Depending on many factors such as the processing capability of the host and peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the USB connector on this device will vary and will be slower than the data rate listed in the connector name for each corresponding device.

Privacy cover

The privacy cover can be used to cover the camera lens and better protect your privacy.



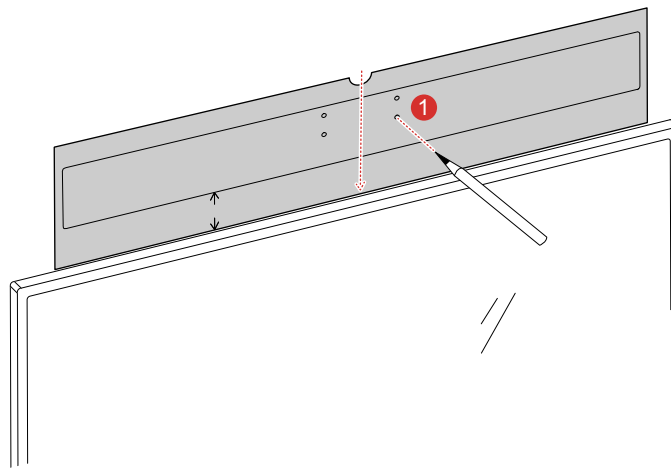
Chapter 2. Mounting options

ThinkSmart Bar 180 is designed for meeting rooms up to 4.5 meters x 6 meters (15 feet x 20 feet) and can be mounted using the included Wall Mount.

Note: Do not mount the camera facing direct sunlight as this may affect the preset white balance and compromise the image.

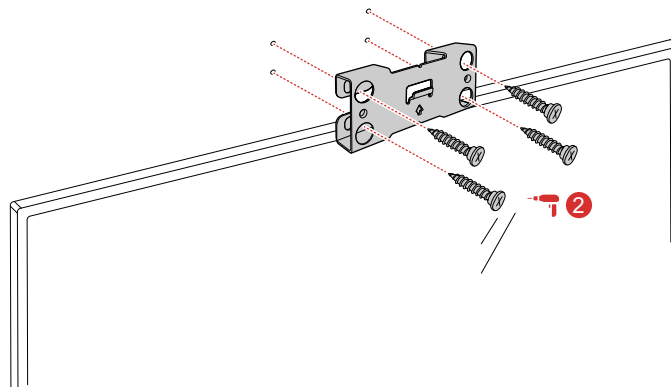
Mount on wall (above the screen)

Step 1. Measure 8 cm above the screen using the positioning guide for Wall Mount placement. Use a pen to mark the position of screws.

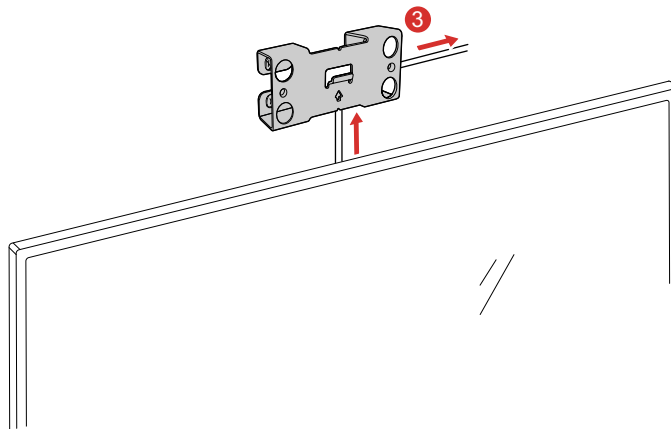


Step 2. Screw the Wall Mount to the wall using a drill.

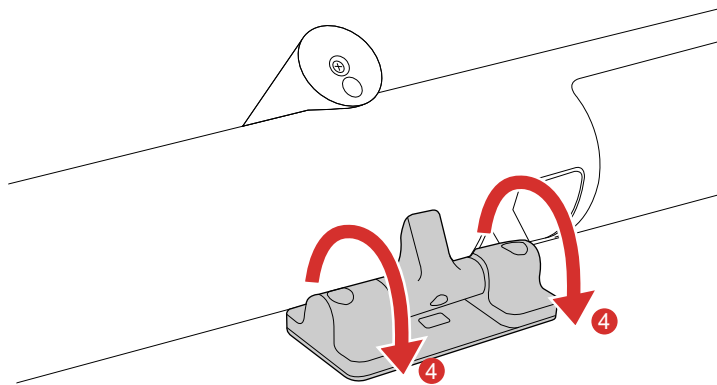
Note: The drill and screws are not included in the package.



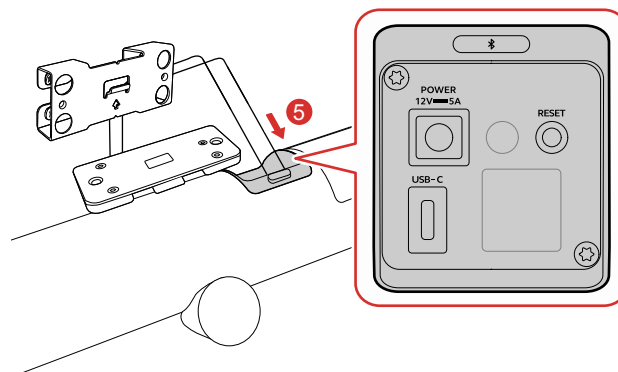
Step 3. Route the cables through the Wall Mount and to the right.



Step 4. Tilt the hinge on the ThinkSmart Bar 180 for easy access to the screw holes.

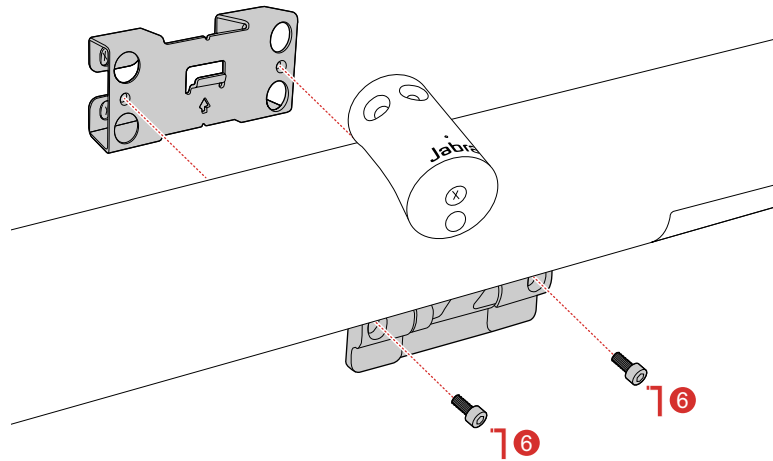


Step 5. Connect the cables to the ThinkSmart Bar 180 before mounting and screwing to the Wall Mount.



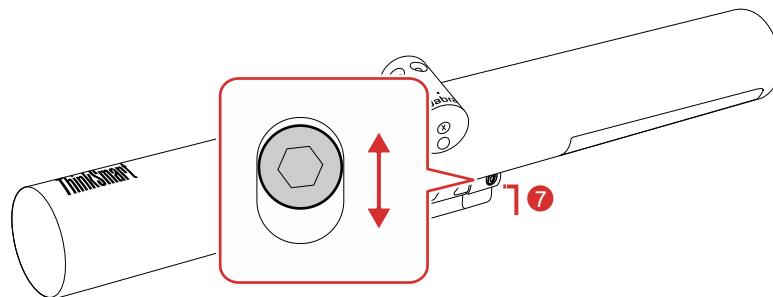
Step 6. Mount and screw the ThinkSmart Bar 180 to the Wall Mount using the included screws and a 4 mm hex key.

Note: The 4 mm hex key is not included in the package.

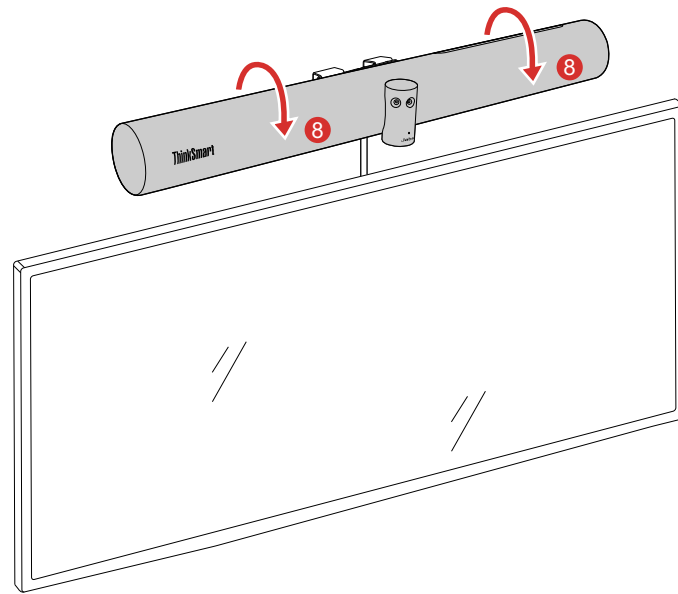


Screw specifications	Number of screws
M5 × 12	2

Step 7. If the ThinkSmart Bar 180 is not level, adjust the angle by loosening the right screw, levelling, and re-tightening the screw.

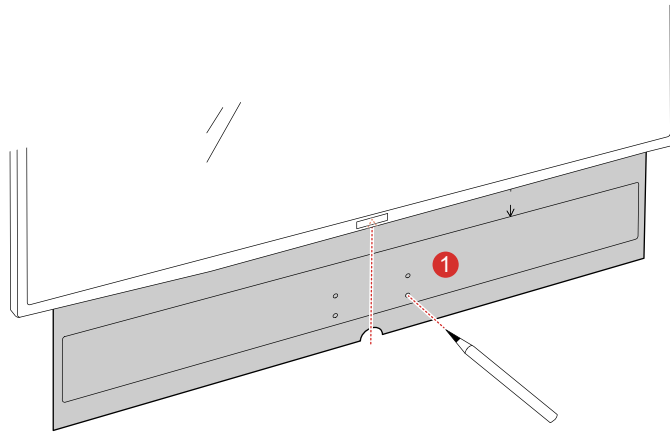


Step 8. Rotate the ThinkSmart Bar 180 into its final position and angle the camera to point at eye level.



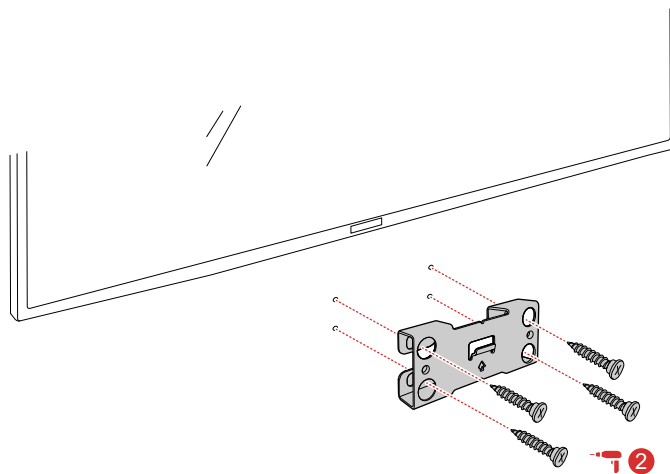
Mount on wall (below the screen)

Step 1. Measure 8 cm below the screen using the positioning guide for Wall Mount placement. Use a pen to mark the position of screws.

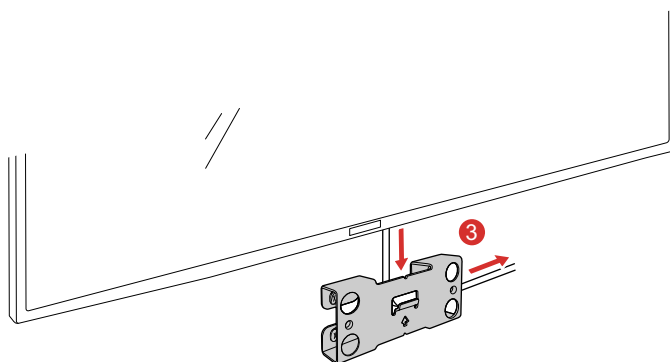


Step 2. Screw the Wall Mount to the wall using a drill.

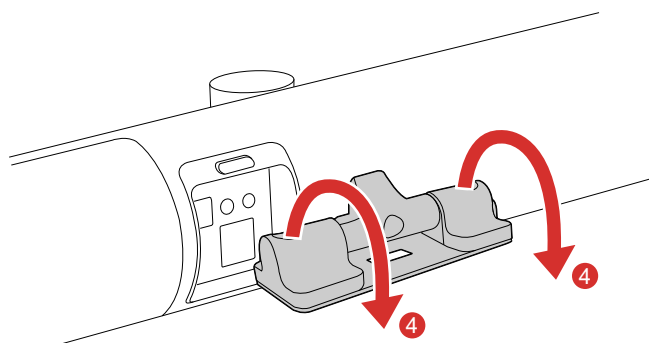
Note: The drill and screws are not included in the package.



Step 3. Route the cables through the Wall Mount and to the right.

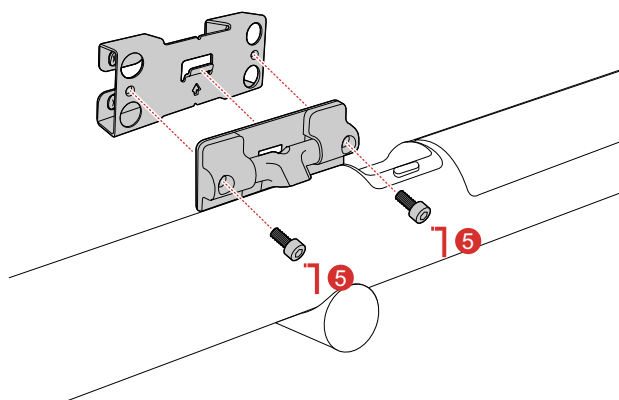


Step 4. Tilt the hinge on the ThinkSmart Bar 180 for easy access to the screw holes.



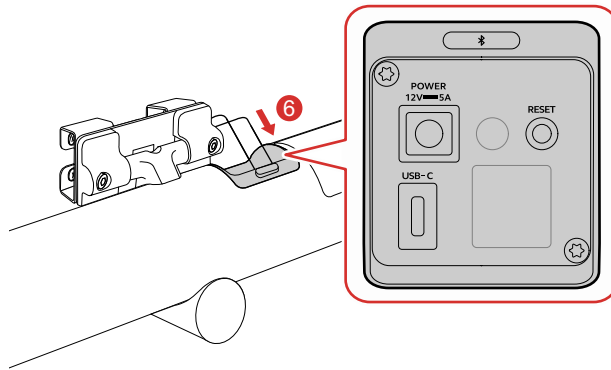
Step 5. Mount and screw the ThinkSmart Bar 180 to the Wall Mount using the included screws and a 4 mm hex key.

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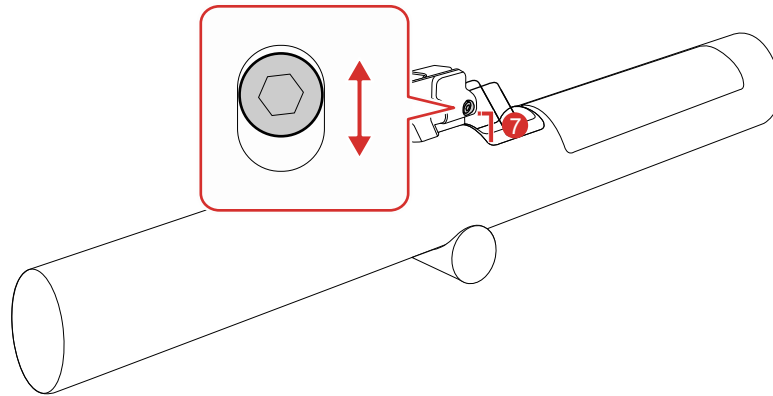


Screw specifications	Number of screws
M5 × 12	2

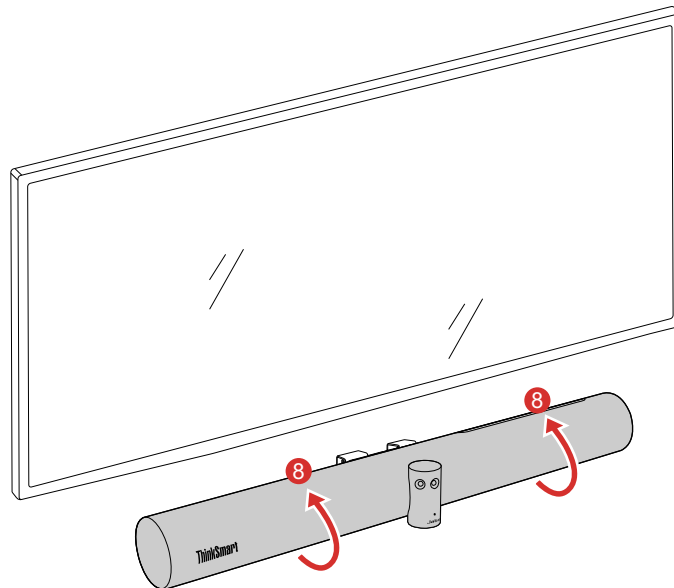
Step 6. Connect the cables to the ThinkSmart Bar 180.



Step 7. If the ThinkSmart Bar 180 is not level, adjust the angle by loosening the right screw, levelling, and re-tightening the screw.



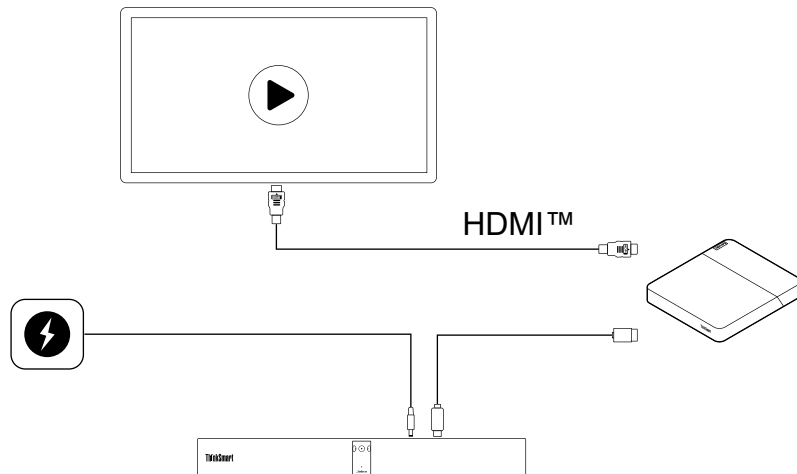
Step 8. Rotate the ThinkSmart Bar 180 into its final position and angle the camera to point at eye level.



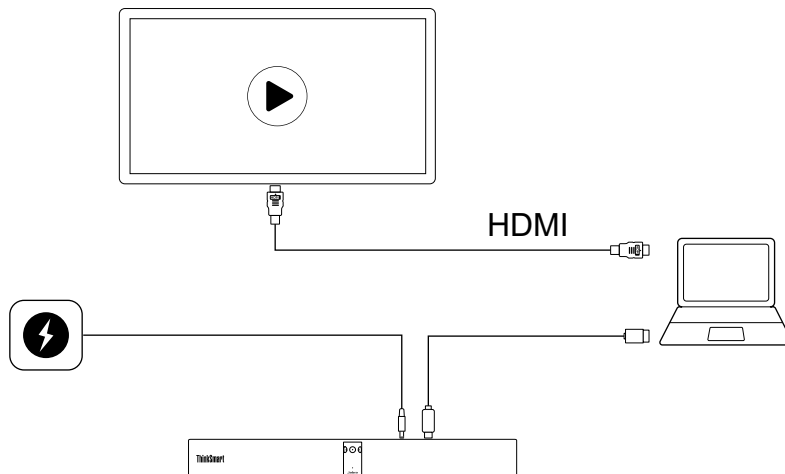
Chapter 3. Connection

ThinkSmart Bar 180 is versatile and can be used with room systems or bring-your-own-devices (BYOD).

Room system connection



Bring-your-own-device connection



Chapter 4. Software

ThinkSmart Cam Control is an application designed to enable optimal functionality for ThinkSmart Bar 180. You can use ThinkSmart Bar 180 with video conferencing applications.

ThinkSmart Cam Control

This application allows you to view and modify features and settings of ThinkSmart Bar 180.

Customize the smart AI features to maximize the performance of your device:

- Set the Room Capacity Limit.
- Select from two Automatic Zoom modes: Intelligent Zoom and Virtual Director.
- Enable Dynamic Composition feature.

Modify the device settings according to your preferences:

- Adjust the camera view using the Pan, Tilt, and Zoom controls.
- Customize the image quality settings to suit personal needs.

To download the application and explore more features, visit the Lenovo Web site:

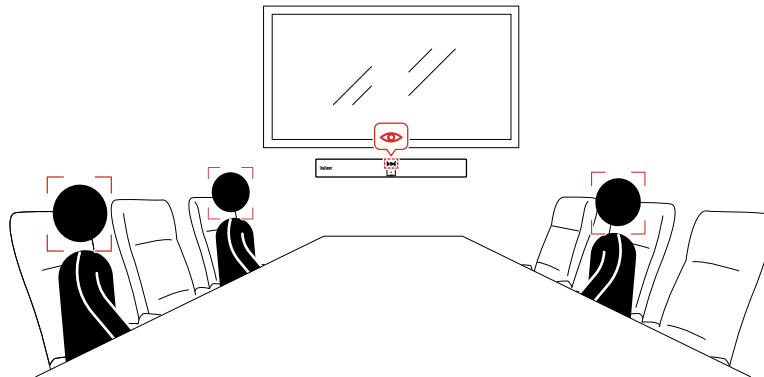
<https://smartsupport.lenovo.com/us/en/downloads/ds548893>.

Smart AI features

Use the ThinkSmart Cam Control application to customize the smart AI features.

People Count and Room Capacity

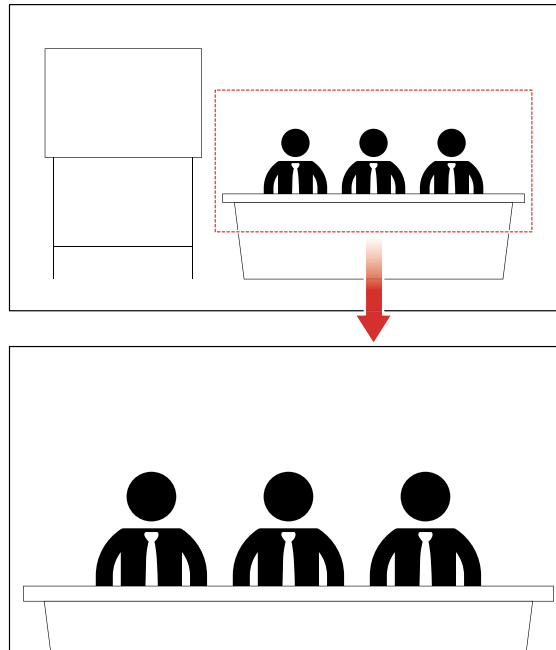
People Count technology in ThinkSmart Bar 180 automatically detects people within a range of 1-4 meters (3-12 feet) from the device. You can set a limit for room capacity using ThinkSmart Cam Control, and your device will automatically monitor the room. If the set limit is exceeded, it will send real-time alerts to the meeting participants.



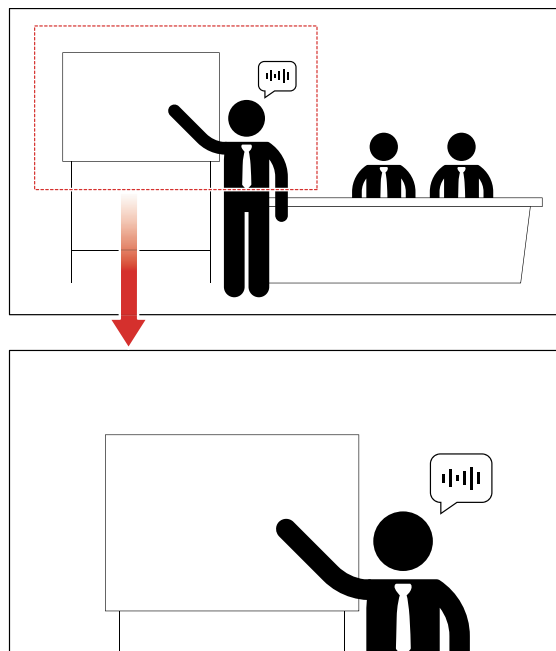
Automatic Zoom

You can choose from two Automatic Zoom modes to enhance the interaction experience for participants.

- **Intelligent Zoom:** The Intelligent Zoom feature dynamically frames all visible people within a range of 4.5 meters (15 feet) to provide a suitable view.

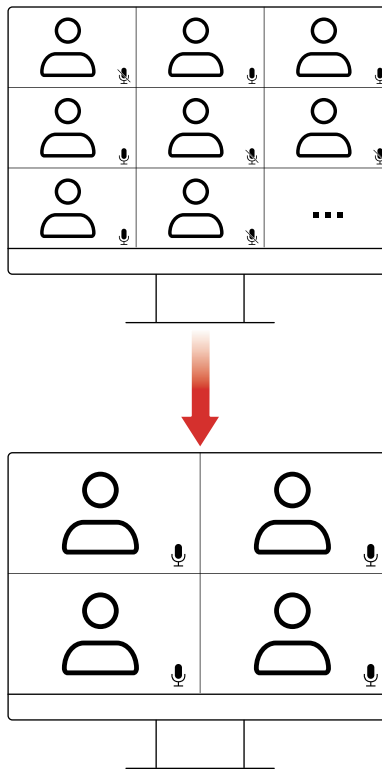


- **Virtual Director:** The Virtual Director feature automatically directs the camera focus to the current speaker. Once the active speaker changes, the focus will naturally shift to the new speaker.



Dynamic Composition

The Dynamic Composition feature generates a close-up tile view of up to four participants in a meeting room. The view updates dynamically to display the most recent speakers.



Device settings

Use the ThinkSmart Cam Control application to adjust the device settings.

Field of View (FOV)

The field of view of ThinkSmart Bar 180 can be expanded to 180°. Use the FOV control to adjust the camera's angle for a narrower or wider view of the meeting room.

Camera view

In ThinkSmart Cam Control, you can customize the Pan, Tilt, and Zoom controls for an optimal view of the meeting room.

Video Stitching

ThinkSmart Bar 180 is equipped with three cameras, capturing images and videos from multiple angles. To achieve the maximum field of view, ThinkSmart Bar 180 utilizes the Video Stitching feature to merge or combine the overlapping areas. You can choose from two stitching methods: Blend and Hybrid.

Participants are recommended to stay within the range of 60 centimeters (24 inches) to 5 meters (16 feet) from the device.

Image quality

ThinkSmart Cam Control provides settings to customize image quality. Adjustments include brightness, contrast, saturation, sharpness, and white balance.

Use with video conferencing applications

You can use ThinkSmart Bar 180 with compatible video conferencing applications such as Microsoft Teams Rooms and Zoom Rooms.

Microsoft Teams Rooms and Zoom Rooms

Microsoft Teams Rooms and Zoom Rooms will automatically detect and set the ThinkSmart Bar 180 as the default video and audio device.

Other compatible video conferencing applications

When using the ThinkSmart Bar 180 with other compatible video conferencing applications, ensure it has been manually set as the default video and audio device in the video or audio settings for the video conferencing application.

Chapter 5. FAQ

You can view frequently asked questions at <https://support.lenovo.com/us/en/solutions/HT515945>.

Appendix A. Certification-related information

Product name	Model
ThinkSmart Bar 180	ThinkSmart Bar 180 / VSM020

Appendix B. Accessibility features

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- Text is large and clear, making it easier to read. A magnifier can enlarge the text to improve readability.

To get the most up-to-date accessibility information for the product, go to <https://www.lenovo.com/accessibility>. For additional support from Lenovo, users can find phone numbers for their country or region from <https://support.lenovo.com/supportphonenumberlist>.

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