Poly Solutions for Google Meet for Poly Studio X Series Solution Guide

SUMMARY

This guide provides installers and integrators with instructions on how to install and configure multiple products to implement a video conferencing solution.

Legal information

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Table of contents

1 Legal information 1

2 Before You Begin 2

Required Licenses 2

Supported Configurations 2

3 Using Google Meet with Poly Studio X30 3

Poly Studio X30 with Google Meet Components 3

Poly Studio X30 with Google Meet Cabling Information 4

Powering the System On and Off 4

Verifying the System Firmware Version 4

Identifying the System IP Address 5

Identifying the System Username and Password 5

Setting Google Meet as the System Conference Provider 5

Registering Your System with Google Meet 5

4 Using Google Meet with Poly Studio X50 6

Poly Studio X50 with Google Meet Components 7

Poly Studio X50 with Google Meet Cabling Information 7

Powering the System On and Off 8

Verifying the System Firmware Version 8

Identifying the System IP Address 8

Identifying the System Username and Password 8

Setting Google Meet as the System Conference Provider 8

Registering Your System with Google Meet 8

5 Using Google Meet with Poly Studio X70 10

Poly Studio X70 with Google Meet Components 11

Poly Studio X70 with Google Meet Cabling Information 11

Powering the System On and Off 12

Verifying the System Firmware Version 12

Identifying the System IP Address 12

Identifying the System Username and Password 12
Setting Google Meet as the System Conference Provider 12
Registering Your System with Google Meet 12
6 Using Google Meet with Poly Studio X52 14
Poly Studio X52 with Google Meet Components 14
Poly Studio X52 with Google Meet Wiring Information 15
Powering the System On and Off 15
Verifying the System Firmware Version 16
Identifying the System IP Address 16
Identifying the System Username and Password 16
Setting Google Meet as the System Conference Provider 16
Registering Your System with Google Meet 16
7 Using Google Meet Features 18
Assigning a Room or Calendar 18
Adding Resources 18
Organizational Units 18
Camera Features 18
Administrator Permissions 19
Enabling Meeting Recording 19
8 Security 20
Security Considerations 20
9 Getting help 21

1 Legal information

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2 Before You Begin

Google Meet is available on the Poly Studio X family of video bars. This solution guide describes how to set up your Poly device for meetings on Google Meet.

Before installing, ensure that you have the required licenses and components.

Required Licenses

A Google Workspace license is required to use Google Meeton Studio X devices.

Google Meet hardware licenses must be purchased from a Google Workspace reseller. Google Meet hardware licenses are not automatically paired with Studio X devices at sale. Access to the Google Admin console is required for administrators managing accounts and setting up devices. For information on signing into the Google Admin console, see Sign in to your Admin console - Google Workspace Admin Help.

Supported Configurations

Google Meet supports the following hardware configurations and software features.

- Built-in camera only.
- Built-in audio only on X30. Expansion microphones are supported on X50, X70, and X52.
- TC8 or TC10 touch controllers. One controller only at a time.
- Poly Director AI with Group Framing and Speaker Tracking camera modes are supported on all devices. People Framing is available on X52 and X70.
- Acoustic Fence and NoiseBlock AI technologies.
- A single 4k monitor on all devices. Dual display with 1080 monitors available on X50, X52, and X70.
- Content sharing via Google Meet Companion Mode, or through Poly Device Mode.

3 Using Google Meet with Poly Studio X30

The following sections describe the hardware requirements and setup requirements to use Google Meet with Poly Studio X30.

Figure 3-1 Poly Studio X30 with TC8

Poly Studio X30 with Google Meet Components

Table 3-1 In the box

Components
Poly Studio X30
Poly TC8 touch controller
Poly Studio X30 power cable
PoE network cable x 2
HDMI cable

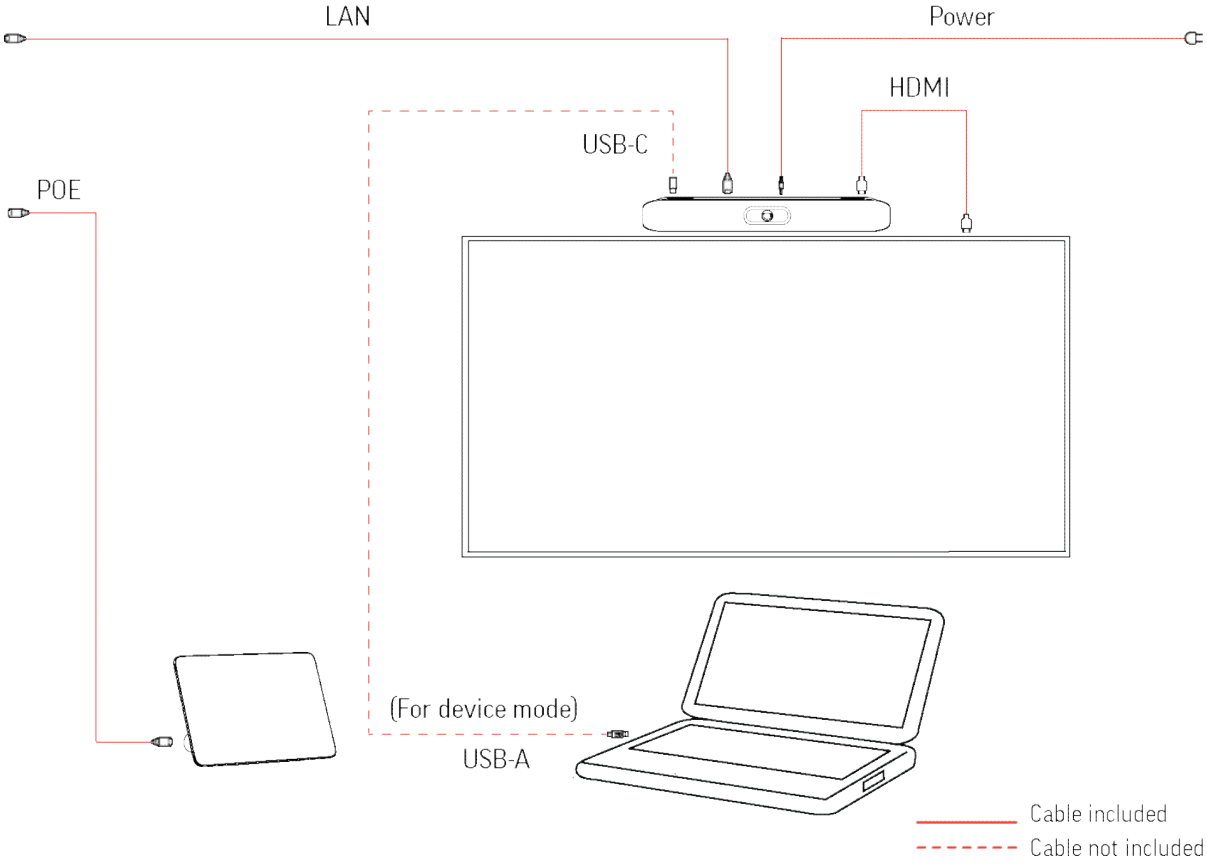
Poly doesn't include the following components in the box, but you may need them:

- USB-C to USB-A cable is required for Device Mode.
- A PoE switch if PoE isn't readily available in the room.
- A USB keyboard and mouse (for installation only).

Poly Studio X30 with Google Meet Cabling Information

The following image describes the various cabling options for Poly Studio X30 with Google Meet.

Figure 3-2 Poly Studio X30 with Google Meet Cabling



Powering the System On and Off

The Studio X system powers on when you connect it to a power source. The controller powers on when connected to a PoE enabled Ethernet port.

Verifying the System Firmware Version

Verify that your device is on the correct firmware version through the system web interface.

Your device must be on Poly VideoOS 4.0, or later, to provision Google Meet.

NOTE: Poly Video Mode Administrator Guide

1. Enter the system IP address into a browser, and sign into the system web interface.

   NOTE: Identifying the System IP Address on page 5
   Identifying the System Username and Password on page 5

2. In **General Settings** > **Device Management** note the firmware version.

Identifying the System IP Address

If you don't know the system IP address, you can view it on the touch controller, or by connecting a mouse to the system.

1. Connect a mouse to the system.
2. Drag the mouse from the right side of the screen to the left, to reveal the menu.
3. Select **Settings**.
4. Note the IP address.

Identifying the System Username and Password

Identify your system username and password.

The system username is `admin`. The system password is the last 6 digits of the serial number located on the back of the device.

Setting Google Meet as the System Conference Provider

Set Google Meet as the conferencing provider.

1. Enter the system IP address into a browser, and sign into the system web interface.
2. Go to **General** > **Provider** and choose **Google Meet** from the drop-down menu.
3. Select **Save**.

Registering Your System with Google Meet

Enroll your system in the Google Workspace Admin portal.

You must have a Google Workspace plan with Google Meet licenses available. For information on obtaining a Google Workspace license, see Licensing FAQ - Google Workspace Admin Help.

1. When the system boots into Google Meet, the system displays a code.
2. Navigate to admin.google.com and sign in to Google Workspace using administrator credentials.
3. Select **Devices** > **Google Meet hardware** > **Devices**.
4. Select **Enroll a device with a code**.
5. In the **Device name field**, enter a unique name for your device.
6. In the **Activation code** field, enter the code displayed on your system.
7. Select **Enroll**.

The system displays the Google Meet home screen.

For further information on registering your system, see Enroll your device - Google Workspace Admin Help or Set up Poly Studio X devices as Meet Hardware - Google Workspace Admin Help.

4 Using Google Meet with Poly Studio X50

The following sections describe the hardware requirements and setup requirements to use Google Meet with Poly Studio X50.

Figure 4-1 Poly Studio X50 with TC8

Figure 4-2 Poly Studio X50 with TC10

Poly Studio X50 with Google Meet Components

Table 4-1 In the box

Components
Poly Studio X50
Poly TC8 or Poly TC10 touch controller
Poly Studio X50 power cable
PoE network cable x 2
HDMI cable

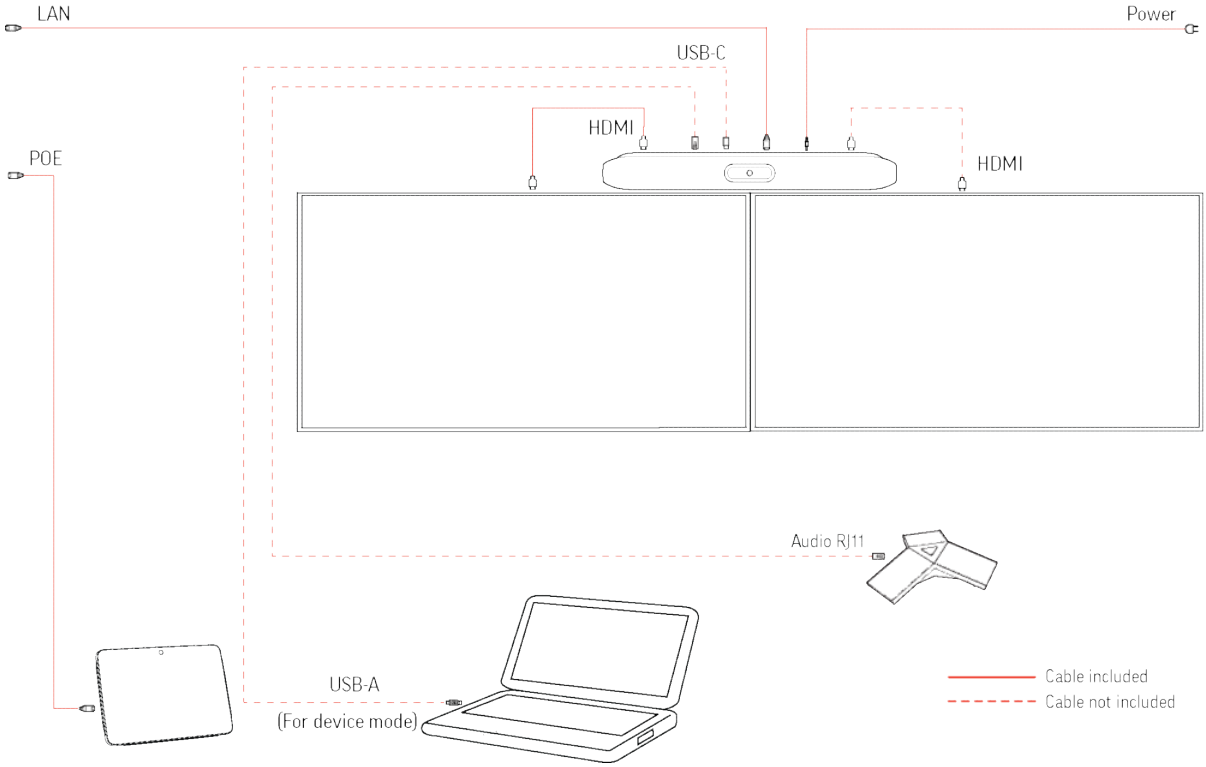
Poly doesn't include thefollowing components in the box, but you may need them:

- USB-C to USB-A cable is required for Device Mode.
- A PoE switch if PoE is not readily available in the room.
- A USB keyboard and mouse (for installation only).

Poly Studio X50 with Google Meet Cabling Information

The following image describes the various cabling options for Poly Studio X50 with Google Meet.

Figure 4-3 Poly Studio X50 with Google Meet Cabling



Powering the System On and Off

The Studio X system powers on when you connect it to a power source. The controller powers on when connected to a PoE enabled Ethernet port.

Verifying the System Firmware Version

Verify that your device is on the correct firmware version through the system web interface.

Your device must be on Poly VideoOS 4.0, or later, to provision Google Meet.

NOTE: Poly Video Mode Administrator Guide

1. Enter the system IP address into a browser, and sign into the system web interface.

   NOTE: Identifying the System IP Address on page 5
   Identifying the System Username and Password on page 5

2. In **General Settings** > **Device Management** note the firmware version.

Identifying the System IP Address

If you don't know the system IP address, you can view it on the touch controller, or by connecting a mouse to the system.

1. Connect a mouse to the system.
2. Drag the mouse from the right side of the screen to the left, to reveal the menu.
3. Select **Settings**.
4. Note the IP address.

Identifying the System Username and Password

Identify your system username and password.

The system username is `admin`. The system password is the last 6 digits of the serial number located on the back of the device.

Setting Google Meet as the System Conference Provider

Set Google Meet as the conferencing provider.

1. Enter the system IP address into a browser, and sign into the system web interface.
2. Go to **General** > **Provider** and choose **Google Meet** from the drop-down menu.
3. Select **Save**.

Registering Your System with Google Meet

Enroll your system in the Google Workspace Admin portal.

You must have a Google Workspace plan with Google Meet licenses available. For information on obtaining a Google Workspace license, see Licensing FAQ - Google Workspace Admin Help.

1. When the system boots into Google Meet, the system displays a code.
2. Navigate to admin.google.com and sign in to Google Workspace using administrator credentials.
3. Select **Devices** > **Google Meet hardware** > **Devices**.
4. Select **Enroll a device with a code**.
5. In the **Device name field**, enter a unique name for your device.
6. In the **Activation code** field, enter the code displayed on your system.
7. Select **Enroll**.

The system displays the Google Meet home screen.

For further information on registering your system, see Enroll your device - Google Workspace Admin Help or Set up Poly Studio X devices as Meet Hardware - Google Workspace Admin Help.

5 Using Google Meet with Poly Studio X70

The following sections describe the hardware requirements and setup requirements to use Google Meet with Poly Studio X70.

Figure 5-1 Poly Studio X70 with TC8

Figure 5-2 Poly Studio X70 with TC10

Poly Studio X70 with Google Meet Components

Table 5-1 In the box

Components
Poly Studio X70
Poly TC8 or Poly TC10 touch controller
Poly Studio X70 power cable
PoE network cable x 2
HDMI cable

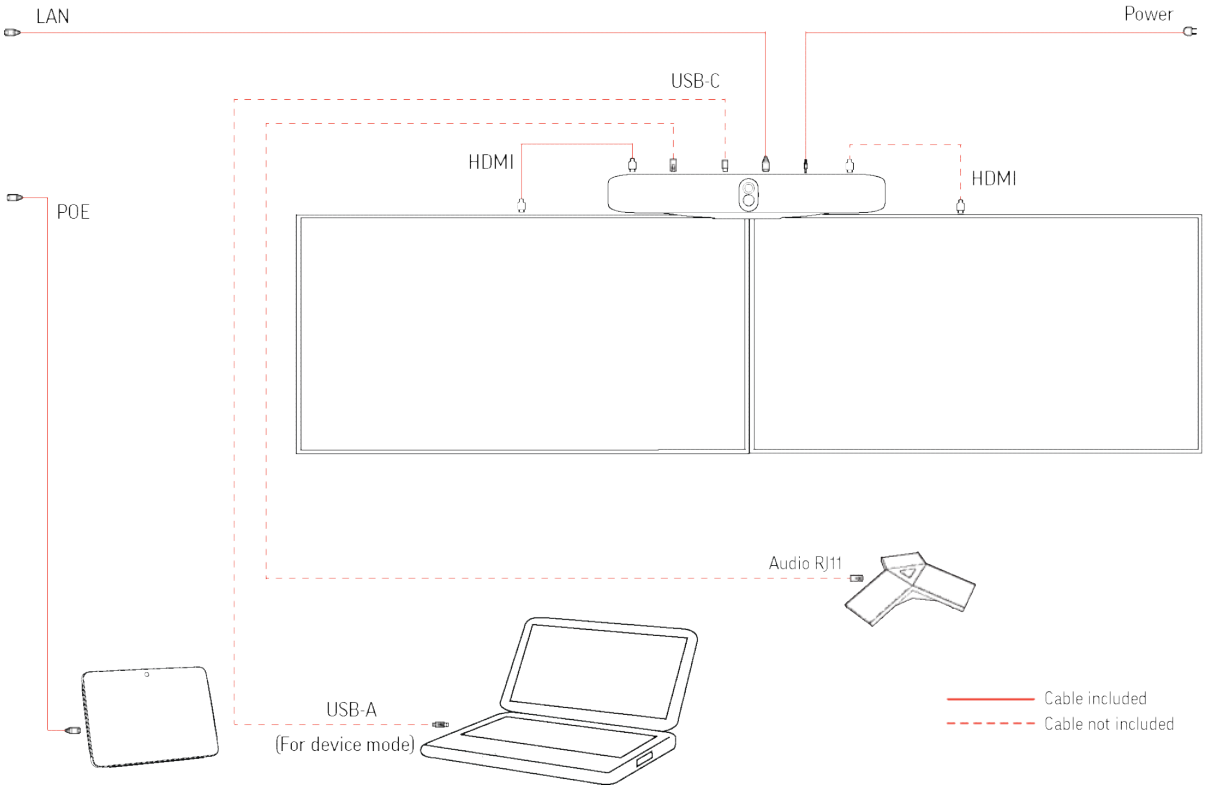
Poly doesn't include the following components in the box, but you may need them:

- USB-C to USB-A cable is required for Device Mode.
- A PoE switch if PoE isn't readily available in the room.
- A USB keyboard and mouse (for installation only).

Poly Studio X70 with Google Meet Cabling Information

The following image describes the various cabling options for Poly Studio X70 with Google Meet.

Figure 5-3 Poly Studio X70 with Google Meet Cabling



Powering the System On and Off

The Studio X system powers on when you connect it to a power source. The controller powers on when connected to a PoE enabled Ethernet port.

Verifying the System Firmware Version

Verify that your device is on the correct firmware version through the system web interface.

Your device must be on Poly VideoOS 4.0, or later, to provision Google Meet.

NOTE: Poly Video Mode Administrator Guide

1. Enter the system IP address into a browser, and sign into the system web interface.

   NOTE: Identifying the System IP Address on page 5
   Identifying the System Username and Password on page 5

2. In **General Settings** > **Device Management** note the firmware version.

Identifying the System IP Address

If you don't know the system IP address, you can view it on the touch controller, or by connecting a mouse to the system.

1. Connect a mouse to the system.
2. Drag the mouse from the right side of the screen to the left, to reveal the menu.
3. Select **Settings**.
4. Note the IP address.

Identifying the System Username and Password

Identify your system username and password.

The system username is `admin`. The system password is the last 6 digits of the serial number located on the back of the device.

Setting Google Meet as the System Conference Provider

Set Google Meet as the conferencing provider.

1. Enter the system IP address into a browser, and sign into the system web interface.
2. Go to **General** > **Provider** and choose **Google Meet** from the drop-down menu.
3. Select **Save**.

Registering Your System with Google Meet

Enroll your system in the Google Workspace Admin portal.

You must have a Google Workspace plan with Google Meet licenses available. For information on obtaining a Google Workspace license, see Licensing FAQ - Google Workspace Admin Help.

1. When the system boots into Google Meet, the system displays a code.
2. Navigate to admin.google.com and sign in to Google Workspace using administrator credentials.
3. Select **Devices** > **Google Meet hardware** > **Devices**.
4. Select **Enroll a device with a code**.
5. In the **Device name field**, enter a unique name for your device.
6. In the **Activation code** field, enter the code displayed on your system.
7. Select **Enroll**.

The system displays the Google Meet home screen.

For further information on registering your system, see Enroll your device - Google Workspace Admin Help or Set up Poly Studio X devices as Meet Hardware - Google Workspace Admin Help.

6 Using Google Meet with Poly Studio X52

The following sections describe the hardware requirements and setup requirements to use Google Meet with Poly Studio X52.

Figure 6-1 Poly Studio X52 with TC8

Figure 6-2 Poly Studio X52 with TC10

Poly Studio X52 with Google Meet Components

Table 6-1 In the box

Components
Poly Studio X52
Poly TC8 or Poly TC10 touch controller

Table 6-1 In the box (continued)

Components
Poly Studio X52 power cable
PoE network cable x 2
HDMI cable

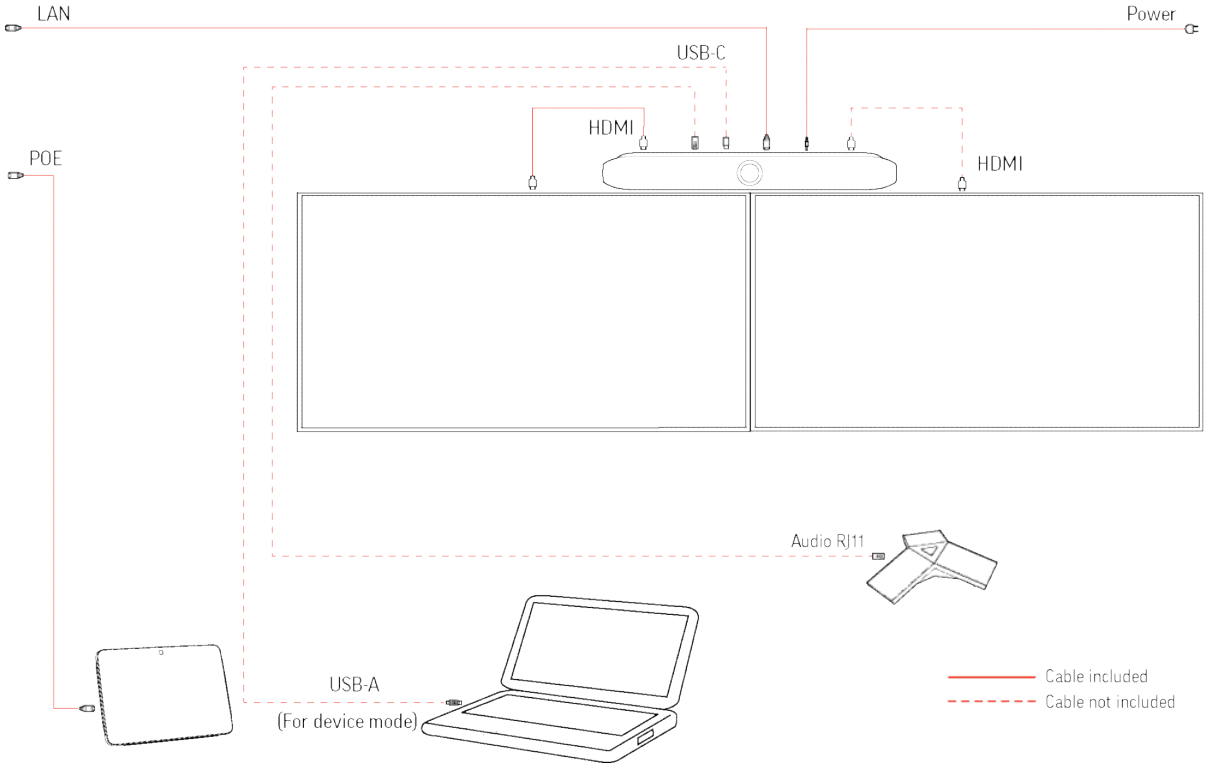
Poly doesn't include thefollowing components in the box, but you may need them:

- USB-C to USB-A cable is required for Device Mode.
- A PoE switch if PoE is not readily available in the room.
- A USB keyboard and mouse (for installation only).

Poly Studio X52 with Google Meet Wiring Information

The following image describes the various cabling options for Poly Studio X52 with Google Meet.

Figure 6-3 Poly Studio X52 with Google Meet Cabling



Powering the System On and Off

The Studio X system powers on when you connect it to a power source. The controller powers on when connected to a PoE enabled Ethernet port.

Verifying the System Firmware Version

Verify that your device is on the correct firmware version through the system web interface.

Your device must be on Poly VideoOS 4.0, or later, to provision Google Meet.

NOTE: Poly Video Mode Administrator Guide

1. Enter the system IP address into a browser, and sign into the system web interface.

   NOTE: Identifying the System IP Address on page 5
   Identifying the System Username and Password on page 5

2. In **General Settings** > **Device Management** note the firmware version.

Identifying the System IP Address

If you don't know the system IP address, you can view it on the touch controller, or by connecting a mouse to the system.

1. Connect a mouse to the system.
2. Drag the mouse from the right side of the screen to the left, to reveal the menu.
3. Select **Settings**.
4. Note the IP address.

Identifying the System Username and Password

Identify your system username and password.

The system username is `admin`. The system password is the last 6 digits of the serial number located on the back of the device.

Setting Google Meet as the System Conference Provider

Set Google Meet as the conferencing provider.

1. Enter the system IP address into a browser, and sign into the system web interface.
2. Go to **General** > **Provider** and choose **Google Meet** from the drop-down menu.
3. Select **Save**.

Registering Your System with Google Meet

Enroll your system in the Google Workspace Admin portal.

You must have a Google Workspace plan with Google Meet licenses available. For information on obtaining a Google Workspace license, see Licensing FAQ - Google Workspace Admin Help.

1. When the system boots into Google Meet, the system displays a code.
2. Navigate to admin.google.com and sign in to Google Workspace using administrator credentials.

3. Select **Devices** > **Google Meet hardware** > **Devices**.
4. Select **Enroll a device with a code**.
5. In the **Device name field**, enter a unique name for your device.
6. In the **Activation code** field, enter the code displayed on your system.
7. Select **Enroll**.

The system displays the Google Meet home screen.

For further information on registering your system, see Enroll your device - Google Workspace Admin Help or Set up Poly Studio X devices as Meet Hardware - Google Workspace Admin Help.

7 Using Google Meet Features

The following sections describe how to use Google Meet features with your Poly Studio X Series device.

Assigning a Room or Calendar

When you enroll a Studio X device on a Google Workspace tenant, you can assign that device a room resource designation and an associated calendar, a personal calendar, or no calendar.

The default setting is no calendar.

When the room is added to a Google Calendar event, the meeting name displays on the device screen.

For information on assigning a calendar to a device, see Assign a calendar to a device - Google Workspace Admin Help.

Adding Resources

Admins can add an individual Studio X system to a room resource that is attached to a building organizationally within Google Workspace.

This room resource has its own calendar and discrete set of assignable attributes.

For information on assigning and managing a calendar resource, see What is a Calendar resource? - Google Workspace Admin Help.

Organizational Units

Google Workspace allows admins to group and organize users in organizational units. You can turn services on and off and apply unique settings to devices using these organizational units.

There are various preset device options available to edit including display settings, alerts, and data sharing.

For information on setting up and managing organizational units, see Add an organizational unit - Google Workspace Admin Help.

Camera Features

Administrators can control the camera tracking mode in the Poly WebUI, or Poly Lens.

The default setting is Frame Group, but depending on your Poly device, you can choose other framing options. If the device is enabled for one of the Poly framing options, the TC8/TC10 will automatically display Continuous Framing, which uses the camera tracking mode set on the Studio X device. If the Continuous Framing option is toggled off by the room user, PTZ mode is active, which enables the room users to manually control the camera direction.

NOTE: Room users can toggle tracking on or off using TC8 or TC10.

For information on editing camera settings, see Turn pan tilt zoom home setting on or off - Google Workspace Admin Help.

Administrator Permissions

Google Meet allows you to share the management of devices with additional users of different roles.

See Pre-built administrator roles - Google Workspace Admin Help for Google Workspace preconfigured administrator roles. For information on editing administrator roles, see Create, edit, and delete custom admin roles - Google Workspace Admin Help.

Certain permission are reqiored to add devices to a Google Workspace tenant. A super administrator can add devices at any time and manipulate all device settings.

Contact your super administrator if you require additional permissions.

Enabling Meeting Recording

The option to record a Google Meet conference is active by default. Administrators can disable or edit this functionality if preferred.

Recordings are stored in the meeting host's Google Drive.

For information on editing recording settings, see Turn recording on or off for Meet - Google Workspace Admin Help.

8 Security

Poly and Google have separate security considerations when placing and interacting with devices on a network.

Security Considerations

See the following links for detailed information regarding network access requirements and policies.

Table 8-1 Google Resources

Resource	URL
Network port and IP requirements for Google Meet	https://support.google.com/a/answer/1279090?hl=en#zippy=%2Cstep-set-up-outbound-ports-for-media-traffic
Google Meet hardware-specific requirements	https://support.google.com/a/answer/4541234?hl=en#zippy=%2Csupported-ports-proxy-and-network-configuration
Google Meet security and privacy	https://support.google.com/a/answer/7582940?hl=en&ref_topic=7302981#zippy=%2Cencryption

Table 8-2 Poly Resources

Resource	URL
Securing Poly Systems	https://docs.poly.com/bundle/polypartnermode-ag-current/page/securing-the-system.html
Network port requirements	https://docs.poly.com/bundle/polypartnermode-ag-current/page/system-port-usage.html
Security and Privacy Whitepaper	https://www.poly.com/content/dam/www/legal/privacy/doc/security-and-privacy-white-paper-for-poly-g7500-x50-xX30.pdf
Poly Studio X and G7500 Encryption Reference Guide	https://www.poly.com/content/dam/www/products/support/video/video-os/other/g7500-studio-x-encryption-3-7-0.pdf

9 Getting help

Poly is now a part of HP. The joining of Poly and HP will pave the way for us to create the hybrid work experiences of the future.

During the merge of our two organizations, information about Poly products will transition from the Poly Support site to the HP® Support site.

The Poly Documentation Library will continue to host the installation, configuration, and administration guides for Poly products in HTML and PDF format. In addition, the Poly Documentation Library will provide Poly customers with up-to-date status information about the transition of Poly content from the Poly Support site to the HP® Support site.

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