Poly Documentation

Contents

Poly Studio E70 Release Notes

This document provides end-users and administrators with information about a specific release of the featured product.

- Poly Studio E70 release notes 1.10.3

  Poly announces the release of Poly Studio E70 1.10.3 as part of Poly VideoOS 4.3.3.

- Poly Studio E70 release notes 1.10.2

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- Poly Studio E70 release notes 1.10.0

  Poly announces the release of Poly Studio E70 1.10.0 as part of Poly VideoOS 4.3.0.

- Poly Studio E70 Release Notes 1.9.2

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- Poly Studio E70 camera constraints and limitations

  This section identifies the limitations and constraints when using this product.

- Product resources and additional information

  This section provides resources and additional information for your product.

Poly Studio E70 release notes 1.10.3

Poly announces the release of Poly Studio E70 1.10.3 as part of Poly VideoOS 4.3.3.

Software version: 1.10.3

Release date: October 2024

- What's new in Poly Studio E70 1.10.3

  This maintenance release of Poly Studio E70 includes important security upgrades.

- Products tested with Poly Studio E70 1.10.3

  Poly products are tested extensively with a wide range of products. The following tables provide information on the products tested for compatibility with this release.

- Supported peripherals and applications

The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

- Resolved issues in Poly Studio E70 1.10.3

  There are no specific resolved issues in this release.

- Known issues in Poly Studio E70 1.10.3

  Review the known issues in this release.

What's new in Poly Studio E70 1.10.3

This maintenance release of Poly Studio E70 includes important security upgrades.

Note	Poly delivers Poly Studio E70 1.10.3 software as part of Poly VideoOS 4.3.3. For more information on Studio E70 features, compatibility, known issues, and resolved issues, review the Poly VideoOS 4.3.3 Release Notes.

Poly Studio E70 1.10.3 includes the following important updates and security enhancements:

- Fortified Rest API authentication and pairing protocols

- Fixed vulnerabilities in third-party libraries

- Removed support for weak ciphers and deprecated security checks

- Implemented more robust validation checks

- Enhanced protections for sensitive data handling

Products tested with Poly Studio E70 1.10.3

Poly products are tested extensively with a wide range of products. The following tables provide information on the products tested for compatibility with this release.

Poly strives to support any system that's standards-compliant, and Poly investigates reports of Poly systems that don't interoperate with other standards-compliant vendor systems.

Poly recommends that you upgrade all your Polycom / Poly systems with the latest software versions. Any compatibility issues may already have been resolved by software updates.

The following list isn't a complete inventory of compatible equipment, but the products that have been tested with this release.

Table 1. Products tested with this release

Product	Tested versions
Poly G7500	Poly VideoOS 4.3.3
Poly Studio G62	Poly VideoOS 4.3.3
Poly Studio X70	Poly VideoOS 4.3.3
Poly Studio X52	Poly VideoOS 4.3.3
Poly Studio X50	Poly VideoOS 4.3.3
Poly Studio Large Room Kit for Microsoft Teams Rooms (with Poly GC8)	5.0.9.0 Windows 10.0.22621.3447
Zoom Rooms on Windows (with Poly TC10)	5.17.9 (2688) Windows 10.0.19045.4291

Supported peripherals and applications

The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

Table 1. Applications

Application
Mac and Windows-based Zoom Rooms
Windows-based Microsoft Teams Rooms

Application
Poly Lens Desktop

Note	When possible, Poly recommends only using the USB Type-C to USB Type-A cable that comes with your device. Ifyou're using a network category-based USB extender, you must use terminated Category 6A/7/8 cables, and cable certified to the 10-gigabit network standard.

Table 2. USB 3.0 extenders and cables

Model	Part number
Icron USB 3-2-1 Raven 3104 PRO	00-00451 (NA)
USB-A to USB-C w/Slim Connector – 10 m (32.8 ft)	2457-30757-110
USB-A to USB-C w/Slim Connector – 25 m (82 ft)	2457-30757-125
USB-A to USB-C w/Slim Connector – 40 m (131.2 ft)	2457-30757-140
USB-A to USB-C – 10 m (32.8 ft)	2457-30757-001
USB-A to USB-C – 25 m (82 ft)	2457-30757-025
USB-A to USB-C – 40 m (131.2 ft)	2457-30757-040

While you can use the following USB 2.0 extenders with your Poly Studio E70 camera, they offer limited performance compared to USB 3.0 extenders and cables. To use the full capabilities, performance, and advanced features of your Poly Studio E70 camera, Poly recommends using a USB 3.0 extender or cable.

Note	Don't connect the Sound Control USB extender to the Ethernet port on the Poly Studio E70 camera. Connecting the RCU2S-E70 to the Poly Studio E70 Ethernet port damages the device, makes it inoperable, and voids your warranty. For information on connecting the Poly Studio E70 to the RCU2S-E70 for the Poly Studio E70, review the RCU2S-E70 USB Application Guide on the Sound Control website.

Table 3. USB 2.0 extenders and cables

Model	Part number
Icron USB 2.0 Ranger 2311	Poly PN: 2583-87590-001 (NA) 00-00401 (NA)
Sound Control RCU2S-E70 for the Poly Studio E70	RCU2S-E70

Resolved issues in Poly Studio E70 1.10.3

There are no specific resolved issues in this release.

Known issues in Poly Studio E70 1.10.3

Review the known issues in this release.

Note	These release notes don't provide a complete listing of all known issues for the software. Issues not expected to significantly impact customers with standard voice and video conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Known issues

Category	Issue ID	Description	Workaround
Camera	EN-234479	On a Poly G7500 system with three USB-connected Poly Studio E70 cameras powered by Poly G7500 LLN ports, one or more Poly Studio E70 cameras may not properly connect to the video conferencing system after restart.	Restart the system.
Camera	EN-219891	On a Poly G7500 system with a USB-connected Poly Studio E70 camera, camera controls are no longer configurable in Poly Lens.	None. These settings were never meant to be configurable.
Configuration	EN-241656	On a Poly G7500 system with an IP-connected Poly Studio E70 camera, the LED blinks blue when pairing is unsuccessful.	Unplug and replug the camera.
Partner application	EN-233295	On a Poly Studio X70 system with a connected Poly Studio E70 camera in Zoom mode, switching the Poly Studio E70 camera and enabling Smart Gallery may result in the system defaulting back to the built-in camera.	Use one of the other available tracking modes including, manual, speaker focus, or auto-framing.

Poly Studio E70 release notes 1.10.2

Poly announces the release of Poly Studio E70 1.10.2 as part of Poly VideoOS 4.3.2.

Software version: 1.10.2

Release date: October 2024

For more information, review the Poly VideoOS 1.10.2 Release Notes.

- What's new in Poly Studio E70 1.10.2

  This maintenance release of Poly Studio E70 contains important security enhancements.

- Products tested with Poly Studio E70 1.10.2

  Poly products are tested extensively with a wide range of products. The following tables provide information on the products tested for compatibility with this release.

- Supported peripherals and applications

  The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

- Resolved issues in Poly Studio E70 1.10.2

  Review the resolved issues in this release.

- Known issues in Poly Studio E70 1.10.2

  Review the known issues in this release.

What's new in Poly Studio E70 1.10.2

This maintenance release of Poly Studio E70 contains important security enhancements.

Note	Poly delivers Poly Studio E70 1.10.2 software as part of Poly VideoOS 4.3.2. For more information on Studio E70 features, compatibility, known issues, and resolved issues, review the Poly VideoOS 4.3.2 Release Notes.

Poly Studio E70 1.10.2 includes the following important updates and security enhancements:

- Fortified Rest API authentication and pairing protocol
- Fixed vulnerability in third-party libraries

Products tested with Poly Studio E70 1.10.2

Poly products are tested extensively with a wide range of products. The following tables provide information on the products tested for compatibility with this release.

Poly strives to support any system that's standards-compliant, and Poly investigates reports of Poly systems that don't interoperate with other standards-compliant vendor systems.

Poly recommends that you upgrade all your Polycom / Poly systems with the latest software versions. Any compatibility issues may already have been resolved by software updates.

The following list isn't a complete inventory of compatible equipment, but the products that have been tested with this release.

Table 1. Products tested with this release

Product	Tested versions
Poly G7500	Poly VideoOS 4.3.2
Poly Studio G62	Poly VideoOS 4.3.2
Poly Studio X70	Poly VideoOS 4.3.2
Poly Studio X52	Poly VideoOS 4.3.2
Poly Studio X50	Poly VideoOS 4.3.2
Poly Studio Large Room Kit for Microsoft Teams Rooms (with Poly GC8)	5.0.9.0 Windows 10.0.22621.3447
Zoom Rooms on Windows (with Poly TC10)	5.17.9 (2688) Windows 10.0.19045.4291

Supported peripherals and applications

The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

Table 1. Applications

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Mac and Windows-based Zoom Rooms
Windows-based Microsoft Teams Rooms
Poly Lens Desktop

Note	When possible, Poly recommends only using the USB Type-C to USB Type-A cable that comes with your device. Ifyou're using a network category-based USB extender, you must use terminated Category 6A/7/8 cables, and cable certified to the 10-gigabit network standard.

Table 2. USB 3.0 extenders and cables

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USB-A to USB-C w/Slim Connector – 40 m (131.2 ft)	2457-30757-140
USB-A to USB-C – 10 m (32.8 ft)	2457-30757-001
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While you can use the following USB 2.0 extenders with your Poly Studio E70 camera, they offer limited performance compared to USB 3.0 extenders and cables. To use the full capabilities, performance, and advanced features of your Poly Studio E70 camera, Poly recommends using a USB 3.0 extender or cable.

Note	Don't connect the Sound Control USB extender to the Ethernet port on the Poly Studio E70 camera. Connecting the RCU2S-E70 to the Poly Studio E70 Ethernet port damages the device, makes it inoperable, and voids your warranty. For information on connecting the Poly Studio E70 to the RCU2S-E70 for the Poly Studio E70, review the RCU2S-E70 USB Application Guide on the Sound Control website.

Table 3. USB 2.0 extenders and cables

Model	Part number
Icron USB 2.0 Ranger 2311	Poly PN: 2583-87590-001 (NA) 00-00401 (NA)
Sound Control RCU2S-E70 for the Poly Studio E70	RCU2S-E70

Resolved issues in Poly Studio E70 1.10.2

Review the resolved issues in this release.

Note	These release notes don't provide a complete listing of all resolved issues that are included in the software. User experience updates, performance fixes, and enhancements may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Resolved issues

Category	Issue ID	Description
Camera	PVENG-22871	On a Poly G7500 system with a USB-connected Poly Studio E70 camera, Poly DirectorAI Perimeter sometimes frames people outside the set perimeter.

Known issues in Poly Studio E70 1.10.2

Review the known issues in this release.

| **Note** | These release notes don't provide a complete listing of all known issues for the software. Issues not expected to significantly impact customers with standard voice and video conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice. |

Table 1. Known issues

Category	Issue ID	Description	Workaround
Camera	EN-234479	On a Poly G7500 system with three USB-connected Poly Studio E70 cameras powered by Poly G7500 LLN ports, one or more Poly Studio E70 cameras may not properly connect to the video conferencing system after restart.	Restart the system.
Camera	EN-219891	On a Poly G7500 system with a USB-connected Poly Studio E70 camera, camera controls are no longer configurable in Poly Lens.	None. These settings were never meant to be configurable.
Configuration	EN-241656	On a Poly G7500 system with an IP-connected Poly Studio E70 camera, the LED blinks blue when pairing is unsuccessful.	Unplug and replug the camera.

Category	Issue ID	Description	Workaround
Partner application	EN-233295	On a Poly Studio X70 system with a connected Poly Studio E70 camera in Zoom mode, switching the Poly Studio E70 camera and enabling Smart Gallery may result in the system defaulting back to the built-in camera.	Use one of the other available tracking modes including, manual, speaker focus, or auto-framing.

Poly Studio E70 release notes 1.10.1

Poly announces the release of Poly Studio E70 1.10.0 as part of Poly VideoOS 4.3.1.

Software version: 1.10.1

Release date: September 2024

For more information, review the Poly VideoOS 1.10.1 Release Notes.

- What's new in Poly Studio E70 1.10.1

  This maintenance release of Poly Studio E70 contains important field fixes.

- Products tested with Poly Studio E70 1.10.1

  Poly products are tested extensively with a wide range of products. The following tables provide information on the products tested for compatibility with this release.

- Supported peripherals and applications

  The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

- Resolved issues in Poly Studio E70 1.10.1

  Review the resolved issues in this release.

- Known issues in Poly Studio E70 1.10.1

  Review the known issues in this release.

What's new in Poly Studio E70 1.10.1

This maintenance release of Poly Studio E70 contains important field fixes.

Note	Poly delivers Poly Studio E70 1.10.1 software as part of Poly VideoOS 4.3.1. For more information on Studio E70 features, compatibility, known issues, and resolved issues, review the Poly VideoOS 4.3.1 Release Notes.

Poly Studio E70 1.10.1 contains the following enhancements:

- The Poly Studio E70 camera fails to work when connected after startup to a Poly G7500 system with a connected Poly touch controller in Teams mode (EN-257548).

- Poly Studio E70 camera tracking can't be controlled via a Crestron controller connected to a Poly G7500 system (EN-235428).

Products tested with Poly Studio E70 1.10.1

Poly products are tested extensively with a wide range of products. The following tables provide information on the products tested for compatibility with this release.

Poly strives to support any system that's standards-compliant, and Poly investigates reports of Poly systems that don't interoperate with other standards-compliant vendor systems.

Poly recommends that you upgrade all your Polycom / Poly systems with the latest software versions. Any compatibility issues may already have been resolved by software updates.

The following list isn't a complete inventory of compatible equipment, but the products that have been tested with this release.

Table 1. Products tested with this release

Product	Tested versions
Poly G7500	Poly VideoOS 4.3.1
Poly Studio G62	Poly VideoOS 4.3.1
Poly Studio X70	Poly VideoOS 4.3.1
Poly Studio X52	Poly VideoOS 4.3.1
Poly Studio X50	Poly VideoOS 4.3.1

Product	Tested versions
Poly Studio Large Room Kit for Microsoft Teams Rooms (with Poly GC8)	5.0.9.0 Windows 10.0.22621.3447
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Supported peripherals and applications

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Table 1. Applications

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Windows-based Microsoft Teams Rooms
Poly Lens Desktop

Note	When possible, Poly recommends only using the USB Type-C to USB Type-A cable that comes with your device. Ifyou'ree using a network category-based USB extender, you must use terminated Category 6A/7/8 cables, and cable certified to the 10-gigabit network standard.

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USB-A to USB-C w/Slim Connector – 25 m (82 ft)	2457-30757-125
USB-A to USB-C w/Slim Connector – 40 m (131.2 ft)	2457-30757-140
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While you can use the following USB 2.0 extenders with your Poly Studio E70 camera, they offer limited performance compared to USB 3.0 extenders and cables. To use the full capabilities, performance, and advanced features of your Poly Studio E70 camera, Poly recommends using a USB 3.0 extender or cable.

Note	Don't connect the Sound Control USB extender to the Ethernet port on the Poly Studio E70 camera. Connecting the RCU2S-E70 to the Poly Studio E70 Ethernet port damages the device, makes it inoperable, and voids your warranty. For information on connecting the Poly Studio E70 to the RCU2S-E70 for the Poly Studio E70, review the RCU2S-E70 USB Application Guide on the Sound Control website.

Table 3. USB 2.0 extenders and cables

Model	Part number
Icron USB 2.0 Ranger 2311	Poly PN: 2583-87590-001 (NA) 00-00401 (NA)
Sound Control RCU2S-E70 for the Poly Studio E70	RCU2S-E70

Resolved issues in Poly Studio E70 1.10.1

Review the resolved issues in this release.

Note	These release notes don't provide a complete listing of all resolved issues that are included in the software. User experience updates, performance fixes, and enhancements may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Resolved issues

Category	Issue ID	Description
Camera	EN-257548	On a Poly G7500 system with connected Poly Studio E70 cameras and a Crestron controller, you can't control tracking via the controller.
Configuration	EN-235428	On a Poly G7500 system with a connected Poly TC8 or Poly TC10 touch controller in Teams mode, the Poly Studio E70 camera fails to work when connected after startup.

Known issues in Poly Studio E70 1.10.1

Review the known issues in this release.

Note	These release notes don't provide a complete listing of all known issues for the software. Issues not expected to significantly impact customers with standard voice and video conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Known issues

Category	Issue ID	Description	Workaround
Camera	EN-234479	On a Poly G7500 system with three USB-connected Poly Studio E70 cameras powered by Poly G7500 LLN ports, one or more Poly Studio E70 cameras may not properly connect to the video conferencing system after restart.	Restart the system.
Camera	EN-219891	On a Poly G7500 system with a USB-connected Poly Studio E70 camera, camera controls are no longer configurable in Poly Lens.	None. These settings were never meant to be configurable.
Configuration	EN-241656	On a Poly G7500 system with an IP-connected Poly Studio E70 camera, the LED blinks blue when pairing is unsuccessful.	Unplug and replug the camera.

Category	Issue ID	Description	Workaround
Partner application	EN-233295	On a Poly Studio X70 system with a connected Poly Studio E70 camera in Zoom mode, switching the Poly Studio E70 camera and enabling Smart Gallery may result in the system defaulting back to the built-in camera.	Use one of the other available tracking modes including, manual, speaker focus, or auto-framing.

Poly Studio E70 release notes 1.10.0

Poly announces the release of Poly Studio E70 1.10.0 as part of Poly VideoOS 4.3.0.

Software version: 1.10.0

Release date: July 2024

For more information, review the Poly VideoOS 1.10.0 Release Notes.

- What's new in Poly Studio E70 1.10.0

  This release of Poly Studio E70 includes new features, feature enhancements, and important field fixes.

- Products tested with Poly Studio E70 1.10.0

  Poly products are tested extensively with a wide range of products. The following tables provide information on the products tested for compatibility with this release.

- Supported peripherals and applications

  The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

- Resolved issues in Poly Studio E70 1.10.0

  Review the resolved issues in this release.

- Known issues in Poly Studio E70 1.10.0

  Review the known issues in this release.

What's new in Poly Studio E70 1.10.0

This release of Poly Studio E70 includes new features, feature enhancements, and important field fixes.

Note	Poly delivers Poly Studio E70 1.10.0 software as part of Poly VideoOS 4.3.0. For more information on Studio E70 features, compatibility, known issues, and resolved issues, review the Poly VideoOS 4.3.0 Release Notes.

Poly Studio E70 1.10.0 contains the following new features and enhancements:

- Poly Studio E70 modular room IP connections via a link-local network (LLN) switch in Microsoft Teams, Zoom, and Poly Video modes

- RS232 and LG WebOS integration with a USB-connected Poly Studio E70 camera and Poly Studio X30 video bar in Zoom Rooms

- Connecting modular room IP devices to Poly G7500 or Poly Studio G62

  Connect modular room peripherals via IP to Poly G7500 and Poly Studio G62 systems.

- RS232 and LG WebOS integration in Zoom Rooms

  You can now configure a hospital room with a Poly Studio X30 system connected via USB to a Poly Studio E70 camera in Zoom Rooms and a medical grade LG TV running WebOS.

Connecting modular room IP devices to Poly G7500 or Poly Studio G62

Connect modular room peripherals via IP to Poly G7500 and Poly Studio G62 systems.

Poly G7500 and Poly Studio G62 systems support connecting modular room IP cameras and microphones using the system LLN port. Poly G7500 includes three powered LLN ports that connect a maximum of three supported IP devices. Poly Studio G62 includes one unpowered LLN port that requires a Netgear Pro AV GSM4210PD switch to connect up to six IP devices.

At this time, Poly modular room IP peripherals include the Poly Studio E70 camera, Poly IP table microphones, and Poly IP ceiling microphones.

When connecting IP peripherals to Poly Studio G62 or Poly G7500 systems, note the following:

- Poly systems don't support mixing USB and IP cameras.

- Poly G7500 doesn't support connecting a network switch to the LLN ports. Use the three onboard LLN ports to connect a maximum of three IP LLN peripherals.

- You can connect only a single Poly Studio E70 camera via IP to a Poly G7500 system when using any provider.

- Poly Studio G62 systems support only the Netgear Pro AV GSM4210PD switch for connecting multiple IP peripherals to the LLN port. You must configure the switch using the instructions provided by Poly. Other switches and configurations aren't supported and may suffer audio and content issues as a result.

  If you're connecting only one IP peripheral to the Poly Studio G62 LLN port, you can use a PoE injector rated for the IP device you're connecting.

- On the Poly touch controller, camera controls for the Poly Studio E70 camera aren't available when connected via IP. Use the system web interface to change tracking modes.

Modular room IP device support by provider

Table 1. Modular room IP devices per provider

Provider	Supported Poly G7500 connections	Supported Poly Studio G62 connections
Microsoft Teams Rooms	One Poly Studio E70 camera and two Poly IP microphones	One Poly Studio E70 camera and three Poly IP microphones
Zoom Rooms	One Poly Studio E70 camera and two Poly IP microphones	Three Poly Studio E70 cameras and three Poly IP microphones
Poly Video	One Poly Studio E70 camera and two Poly IP microphones	Three Poly Studio E70 cameras and three Poly IP microphones

- Configure the network switch

  Manually configure your modular room network switch to ensure a stable experience with Poly modular room peripherals.
- Connect modular room IP peripherals to the Poly Studio G62 LLN port using a network switch

  Connect Poly modular room peripherals to a Poly Studio G62 system using a supported network switch to ensure a stable experience.

Configure the network switch

Manually configure your modular room network switch to ensure a stable experience with Poly modular room peripherals.

Make sure you have the following equipment:

- Laptop with an Ethernet port
- Ethernet patch cable
- Netgear ProAV M4250-9G1F-PoE+ (GSM4210PD) network switch

Note	Automatic network switch configuration isn't supported in this release.

Note	Ignore Netgear instructions on setting up your switch.

Procedure

1. On your computer, go to https://lens.poly.com.
2. Sign in to Poly Lens Cloud and go to **Manage** > **Software Versions**.
3. Search for **Modular Room Switch**.
4. Download the file to your computer and unzip the file contents.
5. Turn on the network switch and connect the Ethernet patch cable to your laptop and the port labeled OOB on the back of the switch.
6. Configure the following settings for your computer's Ethernet interface:

    - Static IP address: 192.168.0.200

    - Subnet mask: 255.255.255.0

    - Leave the default gateway blank

7. Open a Command Prompt (Windows) or Terminal (Mac) and create a continuous ping to 192.168.0.239.

    - Windows: `ping 192.168.0.239 -t`

    - Mac: `ping 192.168.0.239`

8. When the ping replies start responding, open a web browser and go to http://192.168.0.239.

    The ping replies may take up to three minutes.

9. Under **Login**, enter `admin` - leave the password field blank.
10. When prompted, set the password to `Poly!4567`.
11. Select **AV UI Login**.
12. On the left sidebar, select **Configure** > **Maintenance** > **Firmware Update**.
13. Browse to the location of your extracted files, select the file named `M4250L-v13.0.4.19.stk` and select **Upload**.

    After a few minutes, a dialog appears stating that the upload was successful.

14. Select **Reboot Now**.

    Allow four minutes for this process to complete.

15. Refresh the web browser, and select **OK** on the dialog stating that the account login timed out.
16. Sign in using your credentials, and select **AV UI Login**.
17. Select **Maintenance** under the **Configuration** section.
18. In the **Configuration Management** section, select **Browse file** and click in the blank space.

A file web browser opens.

19 Browse to the downloaded files, and select the file labeled `Poly-MR-16.cfg` and select **Upload**.

20 Once the progress bar turns green and reaches one hundred percent, select **Restore Now**.

21 On the top-right corner of the page, select **Reboot**.

22 When prompted to save the configuration settings, select **No**.

   Allow four minutes for this process to complete.

23 Refresh the web browser, and select **OK** on the dialog stating that the account login timed out.

24 Sign in using your credentials, and select **AV UI Login**.

25 Go to **Device Details** and verify that the firmware version is 13.0.4.19.

26 Under **Configured Profiles**, verify that there's a Poly system name beginning with Poly-MR.

27 Once complete, you can close the web browser and disconnect the Ethernet cable connected to your computer and the switch.

Connect modular room IP peripherals to the Poly Studio G62 LLN port using a network switch

Connect Poly modular room peripherals to a Poly Studio G62 system using a supported network switch to ensure a stable experience.

Procedure

1 Connect the Ethernet patch cable to port 9 on the Netgear ProAV M4250-9G1F-PoE+ (GSM4210PD) switch.

2 Connect the cable to the left RJ-45 port (labeled **LLN**) on the back of the Poly Studio G62 system.

3 Connect your Poly modular room peripherals as needed to ports 1 to 8 on the switch.

RS232 and LG WebOS integration in Zoom Rooms

You can now configure a hospital room with a Poly Studio X30 system connected via USB to a Poly Studio E70 camera in Zoom Rooms and a medical grade LG TV running WebOS.

When a call connects, the Poly Studio X30 video bar takes over the TV and displays content. When the call ends, Poly signals the Leightronix IPTV video switch, which reverts back to HDMI and TV.

Products tested with Poly Studio E70 1.10.0

Poly products are tested extensively with a wide range of products. The following tables provide information on the products tested for compatibility with this release.

Poly strives to support any system that's standards-compliant, and Poly investigates reports of Poly systems that don't interoperate with other standards-compliant vendor systems.

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Poly Studio X50	Poly VideoOS 4.3.0
Poly Studio Large Room Kit for Microsoft Teams Rooms (with Poly GC8)	5.0.9.0 Windows 10.0.22621.3447
Zoom Rooms on Windows (with Poly TC10)	5.17.9 (2688) Windows 10.0.19045.4291

Supported peripherals and applications

The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

Table 1. Applications

Application
Mac and Windows-based Zoom Rooms
Windows-based Microsoft Teams Rooms
Poly Lens Desktop

Note	When possible, Poly recommends only using the USB Type-C to USB Type-A cable that comes with your device. Ifyou'ree using a network category-based USB extender, you must use terminated Category 6A/7/8 cables, and cable certified to the 10-gigabit network standard.

Table 2. USB 3.0 extenders and cables

Model	Part number
Icron USB 3-2-1 Raven 3104 PRO	00-00451 (NA)
USB-A to USB-C w/Slim Connector – 10 m (32.8 ft)	2457-30757-110
USB-A to USB-C w/Slim Connector – 25 m (82 ft)	2457-30757-125
USB-A to USB-C w/Slim Connector – 40 m (131.2 ft)	2457-30757-140
USB-A to USB-C – 10 m (32.8 ft)	2457-30757-001
USB-A to USB-C – 25 m (82 ft)	2457-30757-025
USB-A to USB-C – 40 m (131.2 ft)	2457-30757-040

While you can use the following USB 2.0 extenders with your Poly Studio E70 camera, they offer limited performance compared to USB 3.0 extenders and cables. To use the full capabilities, performance, and advanced features of your Poly Studio E70 camera, Poly recommends using a USB 3.0 extender or cable.

Note	Don't connect the Sound Control USB extender to the Ethernet port on the Poly Studio E70 camera. Connecting the RCU2S-E70 to the Poly Studio E70 Ethernet port damages the device, makes it inoperable, and voids your warranty. For information on connecting the Poly Studio E70 to the RCU2S-E70 for the Poly Studio E70, review the RCU2S-E70 USB Application Guide on the Sound Control website.

Table 3. USB 2.0 extenders and cables

Model	Part number
Icron USB 2.0 Ranger 2311	Poly PN: 2583-87590-001 (NA) 00-00401 (NA)
Sound Control RCU2S-E70 for the Poly Studio E70	RCU2S-E70

Resolved issues in Poly Studio E70 1.10.0

Review the resolved issues in this release.

Note	These release notes don't provide a complete listing of all resolved issues that are included in the software. User experience updates, performance fixes, and enhancements may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Resolved issues

Category	Issue ID	Description
Peripherals	EN-256610	On a Poly G7500 system with a connected Poly TC8 touch controller and Poly Studio E70 camera, after update, the touch controller incorrectly shows a software update for the camera.

Known issues in Poly Studio E70 1.10.0

Review the known issues in this release.

Note	These release notes don't provide a complete listing of all known issues for the software. Issues not expected to significantly impact customers with standard voice and video conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Known issues

Category	Issue ID	Description	Workaround
Camera	EN-234479	On a Poly G7500 system with three USB-connected Poly Studio E70 cameras powered by Poly G7500 LLN ports, one or more Poly Studio E70 cameras may not properly connect to the video conferencing system after restart.	Restart the system.
Camera	EN-219891	On a Poly G7500 system with a USB-connected Poly Studio E70 camera, camera controls are no longer configurable in Poly Lens.	None. These settings were never meant to be configurable.
Configuration	EN-241656	On a Poly G7500 system with an IP-connected Poly Studio E70 camera, the LED blinks blue when pairing is unsuccessful.	Unplug and replug the camera.

Category	Issue ID	Description	Workaround
Partner application	EN-233295	On a Poly Studio X70 system with a connected Poly Studio E70 camera in Zoom mode, switching the Poly Studio E70 camera and enabling Smart Gallery may result in the system defaulting back to the built-in camera.	Use one of the other available tracking modes including, manual, speaker focus, or auto-framing.

Poly Studio E70 Release Notes 1.9.2

Poly announces the release of Poly Studio E70 1.9.2 as part of Poly VideoOS 4.2.2.

Software version: 1.9.2

Release date: June 2024

For more information, review the Poly VideoOS 1.9.2 Release Notes.

- What's new

  Poly Studio E70 1.9.2 is a maintenance release.
- Products tested with this release

  The table below lists the products tested for compatibility with this release.
- Supported peripherals and applications

  The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.
- Resolved issues in Poly Studio E70 1.9.2

  Review the resolved issues in this release.
- Known issues in Poly Studio E70 1.9.2

  Review the known issues in this release.

What's new

Poly Studio E70 1.9.2 is a maintenance release.

Note	Poly delivers Poly Studio E70 1.9.2 software as part of Poly VideoOS 4.2.2. For more information on Studio E70 features, compatibility, known issues, and resolved issues see the Poly VideoOS 4.2.2 Release Notes.

Poly Studio E70 1.9.2 contains the following updates:

- Introducing the Poly Studio G62

- Introducing Poly Studio G62

  The Poly Studio G62 system is an Android-based codec with HDMI, IP LLN, and USB connections to support custom conference rooms. At launch, Microsoft Teams Rooms and Poly Video mode are supported.

Introducing Poly Studio G62

The Poly Studio G62 system is an Android-based codec with HDMI, IP LLN, and USB connections to support custom conference rooms. At launch, Microsoft Teams Rooms and Poly Video mode are supported.

Note	Poly Studio G62 ships with Poly VideoOS 4.1.5. Update to the latest software build as part of setting up your system.

Designed with simplified mounting and PoE+ power, Poly Studio G62 can be placed behind a display, under a table, or in an AV rack. The Poly Studio G62 system supports Poly audio and video products over IP LLN as well as Poly and third-party products over USB. For further information and supported configurations on Poly Studio G62, see the Poly Studio G62 Release Notes.

The Poly Studio G62 system brings the following functionality to your conferencing space:

- Audio innovations such as Poly NoiseBlock AI

- Poly Sound Reflection Reduction

- Poly DirectorAI camera framing and tracking

- Configurable second network port for accessories

- Dual monitor 4K video

- Flexible installation with cable management

- USB-C DP Alt Mode port for content and device mode

- Wireless content sharing using Airplay or Miracast

Products tested with this release

The table below lists the products tested for compatibility with this release.

Poly strives to support any system that's standards-compliant, and Poly investigates reports of Poly systems that don't interoperate with other standards-compliant vendor systems.

Poly recommends that you upgrade all your Polycom / Poly systems with the latest software versions. Any compatibility issues may already have been resolved by software updates.

The following list isn't a complete inventory of compatible equipment, but the products that have been tested with this release.

Table 1. Products tested with this release

Product	Tested Versions
Poly G7500	Poly VideoOS 4.2.2
Poly Studio G62	Poly VideoOS 4.2.2
Poly Studio X70	Poly VideoOS 4.2.2
Poly Studio X52	Poly VideoOS 4.2.2
Poly Studio X50	Poly VideoOS 4.2.2
Poly Studio Large Room Kit for Microsoft Teams Rooms (with Poly GC8)	5.0.9.0 Windows 10.0.22621.3447
Zoom Rooms on Windows (with Poly TC10)	5.17.9 (2688) Windows 10.0.19045.4291

Supported peripherals and applications

The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

Table 1. Applications

Application
Mac and Windows-based Zoom Rooms
Windows-based Microsoft Teams Rooms
Poly Lens Desktop

Note When possible, Poly recommends only using the USB Type-C to USB Type-A cable that comes with your device. Ifyou're using a network category-based USB extender, you must use terminated Category 6A/7/8 cables, and cable certified to the 10-gigabit network standard.

Table 2. USB 3.0 extenders and cables

Model	Part number
Icron USB 3-2-1 Raven 3104 PRO	00-00451 (NA)
USB-A to USB-C w/Slim Connector – 10 m (32.8 ft)	2457-30757-110
USB-A to USB-C w/Slim Connector – 25 m (82 ft)	2457-30757-125
USB-A to USB-C w/Slim Connector – 40 m (131.2 ft)	2457-30757-140
USB-A to USB-C – 10 m (32.8 ft)	2457-30757-001
USB-A to USB-C – 25 m (82 ft)	2457-30757-025
USB-A to USB-C – 40 m (131.2 ft)	2457-30757-040

While you can use the following USB 2.0 extenders with your Poly Studio E70 camera, they offer limited performance compared to USB 3.0 extenders and cables. To use the full capabilities, performance, and advanced features of your Poly Studio E70 camera, Poly recommends using a USB 3.0 extender or cable.

Note	Don't connect the Sound Control USB extender to the Ethernet port on the Poly Studio E70 camera. Connecting the RCU2S-E70 to the Poly Studio E70 Ethernet port damages the device, makes it inoperable, and voids your warranty. For information on connecting the Poly Studio E70 to the RCU2S-E70 for the Poly Studio E70, review the RCU2S-E70 USB Application Guide on the Sound Control website.

Table 3. USB 2.0 extenders and cables

Model	Part number
Icron USB 2.0 Ranger 2311	Poly PN: 2583-87590-001 (NA) 00-00401 (NA)
Sound Control RCU2S-E70 for the Poly Studio E70	RCU2S-E70

Resolved issues in Poly Studio E70 1.9.2

Review the resolved issues in this release.

Note	These release notes don't provide a complete listing of all resolved issues that are included in the software. User experience updates, performance fixes, and enhancements may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Resolved issues

Category	Issue ID	Description
Configuration	EN-235428	On a Poly G7500 system with a connected Poly TC8 or Poly TC10 touch controller in Microsoft Teams mode, the Poly Studio E70 camera fails to work when connected after startup.

Known issues in Poly Studio E70 1.9.2

Review the known issues in this release.

Note	These release notes don't provide a complete listing of all known issues for the software. Issues not expected to significantly impact customers with standard voice and video conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Known issues

Category	Issue ID	Description	Workaround
Camera	EN-234479	On a Poly G7500 system with three USB-connected Poly Studio E70 cameras powered by Poly G7500 LLN ports, one or more Poly Studio E70 cameras may not properly connect to the video conferencing system after restart.	Restart the system.
Camera	EN-219891	On a Poly G7500 with a USB-connected Poly Studio E70 camera, camera controls are no longer configurable in Poly Lens.	None. These settings were never meant to be configurable.
Configuration	EN-241656	On a Poly G7500 system with an IP-connected Poly Studio E70 camera, the LED blinks blue when pairing is unsuccessful.	Unplug and replug the camera.

Category	Issue ID	Description	Workaround
Partner Application	EN-233295	On a Poly Studio X70 system with a connected Poly Studio E70 camera in Zoom mode, switching the Poly Studio E70 camera and enabling Smart Gallery may result in the system defaulting back to the built-in camera.	Use one of the other available tracking modes including, manual, speaker focus, or auto-framing.

Poly Studio E70 Release Notes 1.9.0

Poly announces the release of Poly Studio E70 1.9.0 as part of Poly VideoOS 4.2.0.

Software version: 1.9.0

Release date: June 2024

For more information, review the Poly VideoOS 1.9.0 Release Notes.

- What's new

  Poly Studio E70 1.9.0 is a maintenance release.

- Products tested with this release

  The table below lists the products tested for compatibility with this release.

- Supported peripherals and applications

  The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

- Resolved issues in Poly Studio E70 1.9.0

  Review the resolved issues in this release.

- Known issues in Poly Studio E70 1.9.0

  Review the known issues in this release.

What's new

Poly Studio E70 1.9.0 is a maintenance release.

Note	Poly delivers Poly Studio E70 1.9.0 software as part of Poly VideoOS 4.2.0. For more information on Studio E70 features, compatibility, known issues, and resolved issues see the Poly VideoOS 4.2.0 Release Notes.

Poly Studio E70 1.9.0 contains the following update:

- Introducing Poly Studio G62

- Multiple USB-connected Poly Studio E70 cameras in Microsoft Teams on Android

- People counting on the Poly G7500 system and Poly Studio X70 video bar with a USB-connected Poly Studio E70 camera in Microsoft Teams and Zoom

- Diagnostic / Video Capture on the Poly G7500 system and Poly Studio X70 video bar with a USB-connected Poly Studio E70 camera

- Poly DirectorAI improvements that significantly improve head detection rates and better handle low-contrast situations.

- Introducing Poly Studio G62

  The Poly Studio G62 system is an Android-based codec with HDMI, IP LLN, and USB connections to support custom conference rooms. At launch, Microsoft Teams Rooms and Poly Video mode are supported.

- Multiple USB-connected cameras in Microsoft Teams Rooms on Android

  Connect a second Poly Studio E70 camera or Poly EagleEye IV camera via USB in Microsoft Teams Rooms on Android systems.

- People counting on Poly G7500 and Poly Studio X70 video bar

  People counting is now available on the Poly G7500 system with a USB- connected Poly Studio E70 camera and the Poly Studio X70 video bar.

- Diagnostic / Video Capture on the Poly Studio E70 camera and Poly G7500

  Diagnostic / Video Capture is now available on a Poly Studio X70 video bar or Poly G7500 system with a USB-connected Poly Studio E70 camera.

- Poly DirectorAI Improvements

  There have been several updates to the AI and machine learning technology behind Poly DirectorAI in Poly VideoOS 4.2.0.

Introducing Poly Studio G62

The Poly Studio G62 system is an Android-based codec with HDMI, IP LLN, and USB connections to support custom conference rooms. At launch, Microsoft Teams Rooms and Poly Video mode are supported.

Note	Poly Studio G62 ships with Poly VideoOS 4.1.5. Update to the latest software build as part of setting up your system.

Designed with simplified mounting and PoE+ power, Poly Studio G62 can be placed behind a display, under a table, or in an AV rack. The Poly Studio G62 system supports Poly audio and video products over IP LLN as well as Poly and third-party products over USB. For further information and supported configurations on Poly Studio G62, see the Poly Studio G62 Release Notes.

The Poly Studio G62 system brings the following functionality to your conferencing space:

- Audio innovations such as Poly NoiseBlock AI

- Poly Sound Reflection Reduction

- Poly DirectorAI camera framing and tracking

- Configurable second network port for accessories

- Dual monitor 4K video

- Flexible installation with cable management

- USB-C DP Alt Mode port for content and device mode

- Wireless content sharing using Airplay or Miracast

Multiple USB-connected cameras in Microsoft Teams Rooms on Android

Connect a second Poly Studio E70 camera or Poly EagleEye IV camera via USB in Microsoft Teams Rooms on Android systems.

- The Poly G7500 system supports two USB-connected Poly Studio E70 or Poly EagleEye IV cameras.

- Poly Studio X50, Poly Studio X52, and Poly Studio X70 video bars support a single USB-connected Poly Studio E70 or Poly EagleEye IV camera.

There is also increased functionality when using USB-connected cameras on Poly Studio X50, Poly Studio X52, Poly Studio X70 video bars, and G7500 systems.

This includes:

- Firmware management

- Framing mode changes via the Microsoft Teams application

- Camera controls via the Poly Video application

- Management of settings in the system web interface

People counting on Poly G7500 and Poly Studio X70 video bar

People counting is now available on the Poly G7500 system with a USB- connected Poly Studio E70 camera and the Poly Studio X70 video bar.

People counting is now available on a Poly G7500 system with a USB-connected Poly Studio E70 camera in Microsoft Teams and Zoom. This feature is now available on all Poly Studio X video bars. Change your shutter settings to allow people counting to work, in the system web interface, select **Audio / Video** > **Video Inputs** > **Camera Sleep Mode** > **Fast Wake Up**.

Diagnostic / Video Capture on the Poly Studio E70 camera and Poly G7500

Diagnostic / Video Capture is now available on a Poly Studio X70 video bar or Poly G7500 system with a USB-connected Poly Studio E70 camera.

Capture audio and video data and send it for diagnosis via Poly Lens. Access this feature in the system web interface under **Diagnostic / Video Capture**.

Poly DirectorAI Improvements

There have been several updates to the AI and machine learning technology behind Poly DirectorAI in Poly VideoOS 4.2.0.

The machine learning model for head detection has been retrained to significantly improve detection rates and better handle low-contrast situations. This applies to all Poly Studio X all-in-one video bars and the Poly Studio E70 camera.

People framing has been improved, based on customer feedback. The speed of head framing decisions/transitions has been increased while logic around proximity framing has also been improved to minimize layout changes and stabilize the experience.

Note	People framing is no longer a preview feature and is now fully supported and tested.

Products tested with this release

The table below lists the products tested for compatibility with this release.

Poly strives to support any system that is standards-compliant, and Poly investigates reports of Poly systems that don't interoperate with other standards-compliant vendor systems.

Poly recommends that you upgrade all your Polycom / Poly systems with the latest software versions. Any compatibility issues may already have been addressed by software updates.

The following list isn't a complete inventory of compatible equipment, but the products that have been tested with this release.

Table 1. Products tested with this release

Product	Tested Versions
Poly G7500	Poly VideoOS 4.2.0
Poly Studio G62	Poly VideoOS 4.2.0
Poly Studio X70	Poly VideoOS 4.2.0
Poly Studio X52	Poly VideoOS 4.2.0
Poly Studio X50	Poly VideoOS 4.2.0
Poly Studio Large Room Kit for Microsoft Teams Rooms (with Poly GC8)	5.0.9.0 Windows 10.0.22621.3447
Zoom Rooms on Windows (with Poly TC10)	5.17.9 (2688) Windows 10.0.19045.4291

Supported peripherals and applications

The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

Table 1. Applications

Application
Mac and Windows-based Zoom Rooms
Windows-based Microsoft Teams Rooms

Application

Poly Lens Desktop

Note	When possible, Poly recommends only using the USB Type-C to USB Type-A cable that comes with your device. Ifyou're using a network category-based USB extender, you must use terminated Category 6A/7/8 cables, and cable certified to the 10-gigabit network standard.

Table 2. USB 3.0 extenders and cables

Model	Part number
Icron USB 3-2-1 Raven 3104 PRO	00-00451 (NA)
USB-A to USB-C w/Slim Connector – 10 m (32.8 ft)	2457-30757-110
USB-A to USB-C w/Slim Connector – 25 m (82 ft)	2457-30757-125
USB-A to USB-C w/Slim Connector – 40 m (131.2 ft)	2457-30757-140
USB-A to USB-C – 10 m (32.8 ft)	2457-30757-001
USB-A to USB-C – 25 m (82 ft)	2457-30757-025
USB-A to USB-C – 40 m (131.2 ft)	2457-30757-040

While you can use the following USB 2.0 extenders with your Poly Studio E70 camera, they offer limited performance compared to USB 3.0 extenders and cables. To use the full capabilities, performance, and advanced features of your Poly Studio E70 camera, Poly recommends using a USB 3.0 extender or cable.

Table 3. USB 2.0 extenders and cables

Model	Part number
Icron USB 2.0 Ranger 2311	Poly PN: 2583-87590-001 (NA) 00-00401 (NA)
Sound Control RCU2S-E70 for the Poly Studio E70	RCU2S-E70

Resolved issues in Poly Studio E70 1.9.0

Review the resolved issues in this release.

Note	These release notes don't provide a complete listing of all resolved issues that are included in the software. User experience updates, performance fixes, and enhancements may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Resolved issues

Category	Issue ID	Description
Camera	EN-253386	On a Poly G7500 system or Poly Studio X video bar with multiple connected Poly Studio E70 cameras, settings are not being retained after a power loss.
Camera	EN-252715	On a Poly G7500 system with am IP-connected Poly Studio E70 camera, camera content is shown as pulsing.

Category	Issue ID	Description
Camera	EN-252672	On a Poly G7500 system with a connected Poly Studio E70 camera in Poly Video mode, a QComVidDec error shows in the logs.
Camera	EN-252334	On a Poly G7500 system with a connected Poly Studio E70 camera set to Fast Wake Up, the shutter closes after a call.
Camera	EN-251911	On a Poly G7500 system with several connected Poly Studio E70 cameras via link-local network (LLN) ports, switching a camera in Poly Video Mode causes the video to freeze.
Camera	EN-251703	On a Poly Studio X50 with a second USB-connected Poly Studio E70 camera in Device Mode, the camera doesn't switch between system and USB presets in Device Mode.
Camera	EN-251413	On a G7500 with a connected Poly Studio E70 camera or Poly Studio X52 video bar in Zoom mode, in People Framing or Speaker Framing not all participants faces are detected and shown.
Camera	EN-250565	On a Poly G7500 system with a connected Poly Studio E70 camera, the camera feed is dark on all tracking modes other than Speaker Framing.

Category	Issue ID	Description
Camera	EN-245006	On a Poly G7500 system with multiple connected Poly Studio E70 cameras, the camera names of 1 and 2 swap.
Camera	EN-239787	On a Poly G7500 system or Poly Studio X video bar with a connected Poly Studio E70 camera, camera tracking doesn't pick up all participants or complexions.

Known issues in Poly Studio E70 1.9.0

Review the known issues in this release.

Note	These release notes don't provide a complete listing of all known issues for the software. Issues not expected to significantly impact customers with standard voice and video conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Known issues

Category	Issue ID	Description	Workaround
Camera	EN-234479	On a Poly G7500 system with three USB-connected Poly Studio E70 cameras powered by Poly G7500 LLN ports, one or more Poly Studio E70 cameras may not properly connect to the video conferencing system after restart.	Restart the system.
Camera	EN-219891	On a Poly G7500 with a USB-connected Poly Studio E70 camera, camera controls are no longer configurable in Poly Lens.	None. These settings were never meant to be configurable.
Configuration	EN-241656	On a Poly G7500 system with an IP-connected Poly Studio E70 camera, the LED blinks blue when pairing is unsuccessful.	Unplug and replug the camera.
Configuration	EN-235428	On a Poly G7500 system with a connected Poly TC8 or Poly TC10 touch controller in Teams mode, the camera fails to work when the Poly Studio E70 is connected after start up.	Connect any monitor, cameras, or peripherals, before starting the system.

Category	Issue ID	Description	Workaround
Partner Application	EN-233925	On a Poly Studio X70 system with a connected Poly Studio E70 camera in Zoom mode, switching the Poly Studio E70 camera and enabling Smart Gallery may result in the system defaulting back to the built-in camera.	Use one of the other available tracking modes including, manual, speaker focus, or auto-framing.

Poly Studio E70 Release Notes 1.8.2

Poly announces the release of Poly Studio E70 1.8.2 as part of Poly VideoOS 4.1.2.

Software version: 1.8.2

Release date: December 2023

For more information, review the Poly VideoOS 1.8.2 Release Notes.

- What's new

  Poly Studio E70 1.8.2 is a maintenance release.

- Products tested with this release

  The table below lists the products tested for compatibility with this release.

- Supported peripherals and applications

  The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

- Resolved issues in Poly Studio E70 1.8.2

  Review the resolved issues in this release.

- Known issues in Poly Studio E70 1.8.2

  Review the known issues in this release.

What's new

Poly Studio E70 1.8.2 is a maintenance release.

Note	Poly delivers Poly Studio E70 1.8.2 software as part of Poly VideoOS 4.1.2. For more information on Studio E70 features, compatibility, known issues, and resolved issues see the Poly VideoOS 4.1.2 Release Notes

Poly Studio E70 1.8.2 contains the following update:

- Poly Speaker Framing functionality is now available on the Poly Studio E70 camera in Zoom Rooms for Windows version 5.17.0 or later.

- Poly Speaker Framing enabled on Poly Studio E70 in Zoom Rooms for Windows

  Poly Speaker Framing functionality is now available on the Poly Studio E70 camera in Zoom Rooms for Windows 5.17.0 or later.

Poly Speaker Framing enabled on Poly Studio E70 in Zoom Rooms for Windows

Poly Speaker Framing functionality is now available on the Poly Studio E70 camera in Zoom Rooms for Windows 5.17.0 or later.

Speaker Framing enables the Poly Studio E70 to determine which participant is actively speaking. The camera then frames the speaker when transmitting video to the far end. Enable this feature via a connected Poly touch controller, select **Camera Controls**, then select **Speaker Focus**.

Products tested with this release

The table below lists the products tested for compatibility with this release.

Poly strives to support any system that is standards-compliant, and Poly investigates reports of Poly systems that don't interoperate with other standards-compliant vendor systems.

Poly recommends that you upgrade all your Polycom / Poly systems with the latest software versions. Any compatibility issues may already have been addressed by software updates. See the Current Poly Intra-operability Matrix.

The following list isn't a complete inventory of compatible equipment, but the products that have been tested with this release.

Table 1. Products tested with this release

Product	Tested Versions
Poly G7500	Poly VideoOS 4.1.2
Poly Studio X70	Poly VideoOS 4.1.2
Poly Studio X52	Poly VideoOS 4.1.2
Poly Studio X50	Poly VideoOS 4.1.2
Poly Studio Large Room Kit for Microsoft Teams Rooms (with Poly GC8)	4.15.58.0 Windows 10.0.19044.2486
Zoom Rooms on Windows (with Poly TC10)	5.10.3(1320) Windows 10.0.19044 build 19044

Supported peripherals and applications

The following tables include the Poly and partner peripherals and applications supported with the Poly Studio E70 camera.

Table 1. Applications

Application
Mac and Windows-based Zoom Rooms
Windows-based Microsoft Teams Rooms
Poly Lens Desktop

Note	When possible, Poly recommends only using the USB Type-C to USB Type-A cable that comes with your device. Ifyou'ree using a network category-based USB extender, you must use terminated Category 6A/7/8 cables, and cable certified to the 10-gigabit network standard.

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USB-A to USB-C w/Slim Connector – 40 m (131.2 ft)	2457-30757-140
USB-A to USB-C – 10 m (32.8 ft)	2457-30757-001
USB-A to USB-C – 25 m (82 ft)	2457-30757-025
USB-A to USB-C – 40 m (131.2 ft)	2457-30757-040

While you can use the following USB 2.0 extenders with your Poly Studio E70 camera, they offer limited performance compared to USB 3.0 extenders and cables. To use the full capabilities, performance, and advanced features of your Poly Studio E70 camera, Poly recommends using a USB 3.0 extender or cable.

Note	Don't connect the Sound Control USB extender to the Ethernet port on the Poly Studio E70 camera. Connecting the RCU2S-E70 to the Poly Studio E70 Ethernet port damages the device, makes it inoperable, and voids your warranty. For information on connecting the Poly Studio E70 to the RCU2S-E70 for the Poly Studio E70, review the RCU2S-E70 USB Application Guide on the Sound Control website.

Table 3. USB 2.0 extenders and cables

Model	Part number
Icron USB 2.0 Ranger 2311	Poly PN: 2583-87590-001 (NA) 00-00401 (NA)
Sound Control RCU2S-E70 for the Poly Studio E70	RCU2S-E70

Resolved issues in Poly Studio E70 1.8.2

Review the resolved issues in this release.

Note	These release notes don't provide a complete listing of all resolved issues that are included in the software. User experience updates, performance fixes, and enhancements may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Resolved issues

Category	Issue ID	Description
Camera	EN-248155	On a Poly G7500 system with a connected Poly Studio E70 camera, a blue screen continues to display after switching between USB and LLN.
Camera	EN-248041	On a Poly G7500 system with a connected Poly Studio E70 camera, the Picture-in-Picture (PIP) window appears black after an update.
Camera	EN-248013	A Poly Studio E70 camera connected via USB to a laptop, intermittently flickers.

Category	Issue ID	Description
Camera	EN-242485	On a Poly G7500 system with a connected Poly Studio E70 camera, setting the camera to 50HZ causes the video to flicker.

Known issues in Poly Studio E70 1.8.2

Review the known issues in this release.

Note	These release notes don't provide a complete listing of all known issues for the software. Issues not expected to significantly impact customers with standard voice and video conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Table 1. Known issues

Category	Issue ID	Description	Workaround
Camera	EN-234479	On a Poly G7500 system with three USB-connected Poly Studio E70 cameras powered by Poly G7500 LLN ports, one or more Poly Studio E70 cameras may not properly connect to the video conferencing system after restart.	Restart the system.
Configuration	EN-235428	On a Poly G7500 system with a connected Poly TC8 or Poly TC10 touch controller in Teams mode, the camera fails to work when the Poly Studio E70 is connected after start up.	Connect any monitor, cameras, or peripherals, before starting the system.
Partner Application	EN-233925	On a Poly Studio X70 system with a connected Poly Studio E70 camera in Zoom mode, switching the Poly Studio E70 camera and enabling Smart Gallery may result in the system defaulting back to the built-in camera.	Use one of the other available tracking modes including, manual, speaker focus, or auto-framing.

Poly Studio E70 camera constraints and limitations

This section identifies the limitations and constraints when using this product.

- Camera framing when using Zoom Rooms

When using the Poly Studio E70 with a Mac- or Windows-based Zoom Room setup, the camera only supports auto-framing and manual pan, tilt, and zoom controls.

- Poly Studio E70 camera controls in Poly Lens

  Poly Studio E70 camera controls are not configurable in Poly Lens.

Camera framing when using Zoom Rooms

When using the Poly Studio E70 with a Mac- or Windows-based Zoom Room setup, the camera only supports auto-framing and manual pan, tilt, and zoom controls.

The Poly Studio E70 camera doesn't support speaker framing with this setup.

Poly Studio E70 camera controls in Poly Lens

Poly Studio E70 camera controls are not configurable in Poly Lens.

Poly Studio E70 camera controls such as brightness/saturation/contrast/hue/gamma are no longer customer facing as of Poly Studio E70 1.8.1 software update. These settings were never meant to be configurable.

Product resources and additional information

This section provides resources and additional information for your product.

- Security updates

  Review security information for Poly products.

- Security policy

  Poly implements a layered defense-in-depth approach to protect information in products and systems from unauthorized processing.

- Language support

  Poly G7500 systems and Poly Studio X all-in-one video bars support multiple languages.

- Getting help

  Poly is now a part of HP. The joining of Poly and HP paves the way for us to create the hybrid work experiences of the future. Information about Poly products has transitioned from the Poly Support site to the HP Support site.

Security updates

Review security information for Poly products.

See the Poly Security Center for information about known and resolved security vulnerabilities.

Security policy

Poly implements a layered defense-in-depth approach to protect information in products and systems from unauthorized processing.

For more information, review the HP | Poly Security and Privacy Overview white paper.

Language support

Poly G7500 systems and Poly Studio X all-in-one video bars support multiple languages.

Note	In Partner Mode, your conferencing provider may have a different set of supported languages.

The systems support the following languages in Poly Video Mode:

- Arabic
- Chinese (Simplified)
- Chinese (Traditional)
- English (American)
- English (British)
- French
- German
- Hungarian
- Italian
- Japanese
- Korean
- Norwegian
- Polish
- Portuguese (Brazilian)
- Russian
- Spanish

Getting help

Poly is now a part of HP. The joining of Poly and HP paves the way for us to create the hybrid work experiences of the future. Information about Poly products has transitioned from the Poly Support site to the HP Support site.

The Poly Documentation Library is continuing to host the installation, configuration/administration, and user guides for Poly products in HTML and PDF format. In addition, the Poly Documentation Library provides Poly customers with information about the transition of Poly content from Poly Support to HP Support.

The HP Community provides additional tips and solutions from other HP product users.