



# Poly VideoOS

## Poly G7500, Poly Studio X70, Poly Studio X50, and Poly Studio X30

Poly announces the release of Poly VideoOS 4.0.0 software. This Poly VideoOS software build also contains the following device software versions:

- Poly TC10/TC8 Controller 4.0.0
- Poly Microphone IP Adapter 3.0.1
- Poly IP Table Microphone 3.0.0
- Poly EagleEye Cube USB Camera 1.3.1
- Poly Studio E70 Camera 1.7.0

## Contents

<b>What's New in This Release .....</b>	<b>2</b>
<b>Release History .....</b>	<b>6</b>
<b>Security Updates .....</b>	<b>8</b>
<b>Security Policy .....</b>	<b>8</b>
<b>Language Support .....</b>	<b>8</b>
<b>Supported and Tested Products .....</b>	<b>9</b>
<b>Resolved Issues .....</b>	<b>15</b>
<b>Known Issues .....</b>	<b>17</b>
<b>System Constraints and Limitations .....</b>	<b>23</b>
<b>Get Help .....</b>	<b>27</b>
<b>Privacy Policy .....</b>	<b>28</b>
<b>Copyright and Trademark Information .....</b>	<b>28</b>

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## What's New in This Release

Poly VideoOS 4.0.0 is a major software release with updated features, upgrades, and important field fixes. VideoOS 4.0.0 includes the same features and enhancements as Poly VideoOS 3.14.2, with the following new features:

- [Important Update Information for VideoOS 4.0.0](#)
- [Updating Your System to VideoOS 4.0.0](#)
- [Recover a System Updated to VideoOS 4.0.0. from 3.13.1 or earlier](#)
- [Platform Update from Android 8.1 to Android 10](#)
- [Factory Restore Partition Update to 4.0.0](#)
- [Certification for Microsoft Teams on Poly G7500 and Studio X70](#)
- [Support for Google Meet](#)
- [Microsoft Teams Sign-In](#)
- [Poly Lens Connection Fix](#)
- [Update to Poly Support Site Software Download URL](#)
- [Partner Application Updates](#)

### ***Important Update Information for VideoOS 4.0.0***

Because this is a major Android platform update, note the following important information when updating to VideoOS 4.0.0:

- **Downgrading to previous VideoOS versions is not supported.** Once you update your system to VideoOS 4.0.0, you cannot downgrade.
- Your system must be running VideoOS 3.14.1 or later before updating to VideoOS 4.0.0. If your system is running software earlier than VideoOS 3.14.1, you must first update your system to VideoOS 3.14.1 or later. Upgrading from earlier versions to 4.0.0 is not supported.
- Upgrading to 4.0.0 without first upgrading to 3.14.1 or 3.14.2 is an untested upgrade path that may result in your system not functioning correctly.
- Update and downgrade restrictions don't apply to peripherals.
- Currently VideoOS 4.0.0 is not supported in environments running Poly Workflow Suite (formerly Workflow Server).
- After updating to Video OS 4.0.0, you may need to power cycle your Studio X70 or Studio E70 if the camera is not working correctly.

### **Updating Your System to VideoOS 4.0.0**

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**NOTE:** For this major Android 10 update, Poly recommends an extra system restart after updating to VideoOS 4.0.0.

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VideoOS 4.0.0 is not released as an automatic update through the Poly support site. VideoOS 4.0.0 is available to download from the Poly support site and through Poly Lens, to register your system with Lens, see [Poly Lens Online Help](#).

VideoOS 4.0.0 is also available through Microsoft Teams Admin Center.

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## Recover a System Updated to VideoOS 4.0.0 from 3.13.1 or Earlier

If you performed an unsupported update from VideoOS 3.13.1 or earlier to VideoOS 4.0.0 your system may not function properly. If this happens, perform a system reset.

- 1 In the system web interface go to **Diagnostics > System Reset**.
- 2 Select **Reset All System Configurations**. This clears all system configurations and performs a system restart.

If this doesn't resolve your issue, do a pinhole factory reset, which brings your system back to a clean state. You then need to complete an out of box setup.

## *Platform Update from Android 8.1 to Android 10*

Poly recommends an extra system restart after updating to VideoOS 4.0.0 to ensure your files are updated correctly. With this release, your system updates from Android 8.1 to Android 10.0 resulting in many updated files in both the Poly OS and Android OS.

## *Factory Restore Partition Update to 4.0.0*

This release updates the system's factory restore partition to 4.0.0.

## *Certification for Microsoft Teams on Poly G7500 and Studio X70*

This release includes support for Microsoft Teams, which is now certified on the Poly G7500 and Poly Studio X70 systems. For more information on system setup and configuration, see the [Poly Partner Mode Administrator Guide](#).

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**NOTE:** Poly recommends using certified configuration options with Microsoft Teams. Microsoft provides support for certified hardware configurations. Poly provides support for supported hardware configurations.

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## **Poly G7500 Supported Configurations**

The following Poly G7500 configuration is certified by Microsoft Teams:

- One Poly TC8 touch controller
- One Poly Studio E70 camera
- Up to three Poly IP table microphones
- Analog audio output

The following products are supported on Poly G7500 with Microsoft Teams:

- One Polycom Stereo Speaker Kit

- One Poly IR Remote Control (Limited – only supports starting and ending Teams calls)
- One touchscreen display
- Up to three Poly IP ceiling microphones

## Studio X70 Supported Configurations

Poly Studio X70 with Microsoft Teams is certified with one Poly TC8 touch controller and one RealPresence Debut expansion microphone. Only the built-in camera is supported.

## Complete List of Supported Products and Configurations on G7500 with Teams

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**NOTE:** Poly is investigating further support for a range of products on later releases

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### Products Supported on G7500 with Teams

Product	Quantity	Availability
Poly TC8 Controller	1	Supported by Poly Certified by Microsoft
Poly IP Table Microphone	3	Supported by Poly Certified by Microsoft
Poly IP Ceiling Microphone	3	Supported by Poly
Poly Studio E70 Camera	1	Supported by Poly Certified by Microsoft
Polycom Stereo Speaker Kit	1	Supported by Poly
Poly Eagle Eye IV HDCI	1	Supported by Poly (Transitional support – product being discontinued)
Poly Eagle Eye Director II	1	Supported by Poly (Transitional support - product being discontinued)
Biamp USB Connected DSP	1	Configuration supported by Poly. Product supported by others
Shure USB Connected DSP	1	Configuration supported by Poly. Product supported by others
QSC USB Connected USB	1	Configuration supported by Poly. Product supported by others

Product	Quantity	Availability
Analog Audio Input	1	Configuration supported by Poly. Product supported by others
Poly Lens	N/A	Supported by Poly
Device Mode	N/A	Supported by Poly
Poly IR Remote Control	1	Supported by Poly (Limited to start and end calls only)
Touch Screen Display	1	Supported by Poly

## ***Support for Google Meet***

This release includes support for Google Meet on Poly Studio X30, Poly Studio X50, and Poly Studio X70 systems and a TC8 or TC10 Poly Touch Controller. Only built-in cameras are supported. You must have a Google Workspace with available Meet licences to access Google Meet.

Poly Studio X Series with Google Meet supports:

- One 1080p or 4k monitor
- One TC8/TC10 touch controller

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**NOTE:** Google Meet doesn't support HDMI-in or Poly Trio integration.

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## ***Microsoft Teams Sign-in***

Microsoft Teams now requires a sign-in if you switch to Teams from another provider.

## ***Poly Lens Connection Fix***

This release contains a fix to ensure a more stable connection between the system and the Poly Lens cloud.

## ***Update to Poly Support Site Download URL***

As of VideoOS 3.14.1 the Poly support software download site URL has been changed to [swupdate.lens.poly.com](http://swupdate.lens.poly.com)

If necessary, update your firewall settings and make sure your system has access to this site.

## ***Partner Application Updates***

Poly VideoOS 4.0.0 includes the following partner updates.

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## Partner Application Updates

Partner Application	Version	Features
Microsoft Teams Rooms	Admin Agent: 1.0.0.202209060820.product Teams: 1449/1.0.96.2022120503 Company Portal: 5.0.5484.0	<ul style="list-style-type: none"> <li>• Allow initiate Whiteboard setting.</li> <li>• Enable touch screen controls setting.</li> <li>• For more information on this Microsoft Teams Room release, see the <a href="#">Microsoft Teams Rooms website</a>.</li> </ul>
Zoom Rooms	Zoom Rooms: 5.13.5.2468 Zoom Rooms Controller (TC8): 5.11.0.1553	<ul style="list-style-type: none"> <li>• Maintenance release.</li> <li>• For more information on this Zoom Room release, see the <a href="#">Zoom website</a>.</li> </ul>
Google Meet	2023.01.12.0400	<ul style="list-style-type: none"> <li>• Initial release on VideoOS.</li> <li>• For more information on Google Meet, see <a href="#">Google Meet website</a></li> </ul>
Ring Central	22.4.30.113	<ul style="list-style-type: none"> <li>• Meeting summaries and video highlights</li> <li>• Live Transcription</li> <li>• For more information on Ring Central, see <a href="#">Ring Central website</a></li> </ul>
Tencent Meeting Rooms	3.9.150.547	<ul style="list-style-type: none"> <li>• Maintenance release.</li> <li>• For more information on this Tencent release, see the <a href="#">Tencent website</a>.</li> </ul>

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## Release History

This section lists the release history of Poly VideoOS.

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**Release History**

Release	Release Date	Features
4.0.0	March 2023	<ul style="list-style-type: none"> <li>• Important Update Information for VideoOS 4.0.0</li> <li>• Updating Your System to VideoOS 4.0.0</li> <li>• Recover a System Updated to VideoOS 4.0.0 from 3.13.1 or earlier</li> <li>• Platform Update to Android 10</li> <li>• Factory Restore Partition Update to 4.0.0</li> <li>• Certification for Microsoft Teams on G7500 and X70</li> <li>• Support for Google Meet</li> <li>• Microsoft Teams Sign-In</li> <li>• Poly Lens Connection Fix</li> <li>• Update to Poly Support Site Download URL</li> <li>• Partner Application Updates</li> </ul>
3.14.2	December 2022	<ul style="list-style-type: none"> <li>• Group Framing Improvements</li> <li>• Studio X30 Inverted Camera Fix</li> </ul>
3.14.1	November 2022	<ul style="list-style-type: none"> <li>• Poly VideoOS Supports the Poly TC10 Controller</li> <li>• Device Mode Airplay/Miracast Fix</li> <li>• Intermittent Audio, Video, and Content Loss in Poly Video Mode Fix</li> <li>• Poly TC8 Unable to Pair After System Upgrade Fix</li> <li>• Poly Video Mode Audio Echo Fix</li> <li>• Partner Application Updates</li> </ul>
3.14.0	September 2022	<ul style="list-style-type: none"> <li>• Camera Presets in Multicamera Environments</li> <li>• Default Camera Preset at Startup</li> <li>• G7500 with Studio E70 Connectivity Fixes</li> <li>• StarLeaf Will Be Removed as a Provider in a Future VideoOS Release</li> </ul>
3.13.0	August 2022	<ul style="list-style-type: none"> <li>• Studio E70 Camera Fixes and Improvements</li> <li>• Fix for Peripheral Update in Sleep Mode</li> <li>• Support for Tencent Meeting Rooms on G7500</li> <li>• Support for UGreen HDMI-to-USB Camera Adapter</li> <li>• Support for Displaying the System Name Instead of the SIP Address in Calls</li> </ul> <hr/>

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Release	Release Date	Features
3.12.0	June 2022	<ul style="list-style-type: none"><li>• Introducing People Framing on Studio X70 and Studio E70 (Preview Only)</li><li>• Disabling HDMI Auto-Start in Poly Video Mode</li><li>• Support for Device Mode on Studio X70</li><li>• Support for Poly IR Receiver and IR Remote</li><li>• Partner App Updates</li></ul>

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## Security Updates

See the [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, see the [Poly Security and Privacy Overview](#).

## Language Support

G7500 and Studio X Family systems support the following languages in Poly Video Mode:

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

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



## Supported and Tested Products

The following sections provide information on products supported and tested with G7500 and Studio X Family systems.

### *System Hardware Version Support*

All G7500 and Studio X systems support VideoOS 4.0.0. For a list of supported 3.x versions for each system, see the [Poly VideoOS 3.14.2 Release Notes](#).

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**Important: Downgrading from VideoOS 4.0.0 to previous VideoOS versions is not supported.**

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### *Supported Peripherals and Applications*

The following table includes the Poly and partner peripherals and applications supported on G7500 and Studio X Family systems. Not all the hardware listed is compatible with all provider modes. This table reflects hardware compatibility and not provider configuration compatibility.

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**Note: The Poly TC10 touch controller doesn't currently support Microsoft Teams Rooms.**

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#### Applications

Product	G7500	Studio X70	Studio X50	Studio X30
Polycom Content App (Poly Video only)	Yes	Yes	Yes	Yes
Microsoft Teams	Yes	Yes	Yes	Yes
Zoom Rooms	Yes	Yes	Yes	Yes
Google Meet	No	Yes	Yes	Yes
GoToRoom by LogMeIn	Yes	Yes	Yes	Yes
StarLeaf	Yes	Yes	Yes	Yes
RingCentral Rooms	Yes	Yes	Yes	Yes
BlueJeans Rooms	Yes	Yes	Yes	Yes
Dialpad	No	No	Yes	Yes
Device Mode	Yes	Yes	Yes	Yes
Appspace	Yes	Yes	Yes	Yes
Raydiant	Yes	Yes	Yes	Yes
Tencent	Yes	No	Yes	Yes

**Controllers**

Product	G7500	Studio X70	Studio X50	Studio X30
Poly TC10	Yes	Yes	Yes	Yes
Poly TC8	Yes	Yes	Yes	Yes
Poly Bluetooth Remote Control	Yes	Yes	Yes	Yes
Poly IR Remote Control and Receiver	Yes	Yes	Yes	Yes
Poly Trio C60	Yes	Yes	Yes	Yes
Poly Trio 8500, and Poly Trio 8800 (Zoom Rooms support ending early 2024)	Yes	Yes	Yes	Yes

**Microphones and Speakers**

Product	G7500	Studio X70	Studio X50	Studio X30
Poly IP Table Microphone	Yes	No	No	No
Poly IP Ceiling Microphone	Yes	No	No	No
Poly Microphone IP Adapter	Yes	No	No	No
Polycom RealPresence Group Series table and ceiling microphone arrays (connected using the microphone adapter)	Yes	No	No	No
Polycom SoundStructure accessory (with microphone adapter connection)	Yes	No	No	No
Polycom Stereo Speaker Kit	Yes	No	No	No
Polycom RealPresence Debut expansion microphone	No	Yes	Yes	No
Poly Trio C60,	Yes	Yes	Yes	Yes
Poly Trio 8500, and Poly Trio 8800 (Zoom Rooms support ending early 2024)	Yes	Yes	Yes	Yes

**Audio Processors**

Product	G7500	Studio X70	Studio X50	Studio X30
Biamp DSP USB audio processors	Yes	Yes	Yes	No
QSC Core Series audio processors	Yes	Yes	Yes	No

<b>Product</b>	<b>G7500</b>	<b>Studio X70</b>	<b>Studio X50</b>	<b>Studio X30</b>
Shure IntelliMix P300 audio conferencing processor	Yes	Yes	Yes	No
<b>Cameras</b>				
<b>Product</b>	<b>G7500</b>	<b>Studio X70</b>	<b>Studio X50</b>	<b>Studio X30</b>
Poly Studio USB video bar	Yes	Yes	Yes	No
Poly Studio E70 camera	Yes	Yes	Yes	No
Polycom EagleEye Mini USB camera	Yes	Yes	Yes	No
Poly EagleEye Cube USB camera	Yes	Yes	Yes	No
Polycom EagleEye IV USB camera	Yes	Yes	Yes	No
Polycom EagleEye IV HDCI camera	Yes	No	No	No
Polycom EagleEye Director II camera (HDCI connections only)	Yes	No	No	No
Polycom EagleEye Producer (with EagleEye IV camera only)	Yes	No	No	No
Vaddio ConferenceSHOT AV camera (only supports video with no audio input from the USB camera)	Yes	Yes	Yes	No
Huddly IQ Conference camera (only supports video with no audio input from the USB camera)	Yes	Yes	Yes	No
Logitech Rally Ultra HD PTZ USB camera (only supports video with no audio input from the USB camera)	Yes	Yes	Yes	No
INOGENI 4K2USB3 HDMI to USB 3.0 capture device	Yes	Yes	Yes	No
Polycom EagleEye Digital Extender	Yes	No	No	No
Polycom Digital Breakout Adapter	No	No	No	No

**USB Adapters**

Product	G7500	Studio X70	Studio X50	Studio X30
UGreen USB to HDMI adapter (PN: 10937)	Yes	Yes	Yes	No

**Content Sharing**

Product	G7500	Studio X70	Studio X50	Studio X30
Barco Clickshare CX-30 and CX-50	Yes	Yes	Yes	Yes

## USB Cables and USB Extenders Supported with Studio E70

For a list of USB cables and extenders supported for use with the Studio E70 camera, see the *Poly Studio E70 1.7.0 Release Notes* on the [Poly support site](#).

## Supported Web Browsers

Access the system web interface with the following web browsers:

- Google Chrome 106.0.5249.126 and later
- Apple Safari 14 and later
- Mozilla Firefox 99 and later
- Microsoft Edge 94 and later

## Microsoft Teams Support

Poly G7500 (when running VideoOS 4.0.0), Studio X70 (when running VideoOS 4.0.0), Studio X50, and Studio X30 systems support Microsoft Teams, which provides a high-quality experience in the conference room for subscribers. Poly recommends running Poly VideoOS 4.0.0 for the best experience when using Teams on Studio X Family systems.

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Note: **The Poly TC10 touch controller doesn't currently support Microsoft Teams Rooms.**

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Note the following when using Microsoft Teams on your system:

- The Poly TC10 touch controller doesn't currently support Microsoft Teams Rooms.
- The TC8 device signs in independently of the system, so you may need to increase the maximum number of devices allowed per user or room account by one to include the TC8 device. The default number of devices that you can register per account is 15 (unless changed by your administrator).
- After signing into Teams, you must pair the TC8 device to the system via a pairing code.
- All deployment requirements and recommendations for Teams now apply to the TC8 device as well as to the system. This includes firewall, security, and network configuration. Make sure your corporate firewalls are configured as noted at the Office 365 URLs and IP address ranges page at [Microsoft Teams](#).

- If you're using Teams as your primary conferencing application, Poly recommends using the Microsoft Teams Admin Center to manage all software for your system and paired TC8 devices. Microsoft posts the latest supported Poly VideoOS version at the Microsoft Teams Admin Center.

For more information on updates for the Teams application, see [What's new in Microsoft Teams devices](#).

## Products Tested with This Release

Poly products are tested extensively with a wide range of products. 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 of your Polycom/Poly systems with the latest software versions. Any compatibility issues may already have been addressed by software updates. See [Poly Service Policies](#) for the Current Polycom Intra-Operability Matrix.

Note that the following list is not a complete inventory of compatible equipment, but the products that have been tested with this release.

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**Note:** Poly recommends that you upgrade your Poly devices with the latest software versions, as available software updates may already address the compatibility issues. See the [Current Poly Intra-operability Matrix](#) to match product and software versions.

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### External MCU, Call Managers, Recorders, Gatekeepers, and Gateways

Product	Tested Versions
Poly One Touch Dial Service	Current version
Poly RealConnect Service	Current version
Polycom RealPresence Collaboration Server 1800/2000/4000/Virtual Edition	8.10.0.1.3
Polycom RealPresence DMA 7000, Appliance and Virtual Editions	10.2.2.3
Polycom RealPresence Resource Manager, Virtual Edition	10.10.2.2
Polycom RealPresence Media Suite	2.8.2
Cisco Telepresence Video Communication Server	X12.7.0
Cisco Unified Communications Manager (CUCM)	12.5.1

### Poly Endpoints

Product	Tested Versions
Polycom RealPresence Group Series	6.2.2.8
Poly G200	1.4.0

<b>Product</b>	<b>Tested Versions</b>
Poly G7500, Poly Studio X70, Poly Studio X50, and Poly Studio X30 with Poly Trio C60, Poly Trio 8800, and Poly Trio 8500	Poly VideoOS software 4.0.0
Polycom HDX 7006/8006/9006	3.1.14
Polycom RealPresence Desktop for Windows	3.11.2.73443
Polycom RealPresence Desktop for Mac	3.10.4.72927
Polycom RealPresence Mobile for Apple iOS	3.11.2.73443
Polycom RealPresence Mobile for Android	3.10.1.71327
Poly Trio C60	8.0.2
Poly Trio 8500 Poly Trio 8800	7.2.4
Poly Trio C60 with Polycom RealPresence Group Series	UC software 8.0.2 RealPresence Group Series software 6.2.2.8
Poly Trio 8500 and Poly Trio 8800 with Polycom RealPresence Group Series	UC Software 7.2.4 RealPresence Group Series software 6.2.2.8
Poly Trio Visual+	7.2.4
Poly Trio VisualPro	UC software 7.2.4 RealPresence Group Series software 6.2.2.8
Polycom RealPresence Debut	1.3.3-71352
Polycom VVX 450/501/601/1500	5.9.5.0614 6.3.1.8427

### Peripherals and Applications

<b>Product</b>	<b>Tested Versions</b>
Barco Clickshare CX-30 and CX-50	2.13.0.12
Poly EagleEye Cube USB	1.3.1
Polycom EagleEye Director II	2.2.3
Polycom EagleEye Producer	1.2.2
Polycom EagleEye IV USB	1.2.1
Polycom EagleEye USB Mini	9.0.23
Poly Studio E70 camera	1.7.0-270020
Poly Studio USB video bar	1.5.0.000896

Product	Tested Versions
Poly IP Table Microphone	3.0.0
Poly IP Ceiling Microphone	3.0.0
Poly Microphone IP Adapter	3.0.1
Poly TC10	4.0.0-210881
Poly TC8	4.0.0-210881
Poly Lens	1.1.20
Polycom Content App	Current version

### Partner Applications

Product	Tested Versions
Google Meet	2023.01.12.0400
Zoom Rooms	5.13.5.2468
Microsoft Teams	1449/1.0.96.2022120503
BlueJeans	2.7.0.138
DialPad	v1.009.1-0-g3940e42
LogMeIn	1.216.2
RingCentral	22.4.30.113f
StarLeaf	4.7.6d1
Tencent	3.9.150

## Resolved Issues

This section identifies the issues resolved in this release.

### Resolved Issues

Category	Issue ID	Description
Audio	EN-236292	On Studio X70 systems in Video mode, the far end hears echoes during calls.
Audio	EN-236262	On Studio X30 and Studio X50 systems, enabling <b>StereoSurround</b> causes an echo to be heard by the far end.
Camera	EN-238247	Poly Studio X50 ignores the maximum zoom factor set in the system web interface.

Category	Issue ID	Description
Camera	EN-237863	On Studio X30 systems in Device Mode, PC doesn't recognize the Studio X30 after a restart.
Camera	EN-236498	On Studio X30 systems in Zoom mode, the camera moves to the inverted coordinates of the last call and not the default preset position.
Camera	EN-235989	Switching to an additional Studio E70 in Zoom mode causes the camera to fail on a Studio X70 system.
Camera	EN-233898	On a G7500 system in Zoom mode using an Icron 2311 USB extender for two connected EagleEye IV USB cameras, switching the camera causes the cameras to disconnect.
Camera	EN-233503	On a G7500 system with connected EagleEye IV cameras, the camera enters sleep mode and doesn't wake up. After restart, the camera can no longer be controlled using the API.
Camera	EN-233466	On a G7500 system with a Studio E70 camera powered using a G7500 LLN port, the Studio E70 camera doesn't show up in the system web interface, and the LED flashes blue after you upgrade the G7500 system.
Camera	EN-233412	Upgrading a Studio E70 camera results in the camera becoming stuck in DFU mode.
Camera	EN-230368	On a G7500 system in Zoom Mode with multiple connected EagleEye IV USB cameras, PTZ controls and camera preset availability aren't consistent.
Camera	EN-230337	You can't zoom the camera in or out while using Trio as a controller in Poly mode.
Camera	EN-228725	On a G7500 system, only one camera shows when more are connected after a user exits Device Mode and opens the camera control menu.
Camera	EN-226595	On a G7500 system in Zoom mode, the system web interface reports a disconnected camera as connected.
Camera	EN-225416	On G7500 systems in Tencent Rooms mode, switching an active HDMI source to camera causes the system to crash.
Camera	EN-221948	When using Studio X70 and Studio E70 with a G7500 system, the camera presets turn off and on.
Camera	EN-213328	On G7500 and Studio X70 systems, if you disconnect an EagleEye Cube camera and plug in a Studio USB camera, the system continues to report the camera as EagleEye Cube.
Device Management	EN-237400	The system doesn't maintain a stable connection to the Poly Lens Cloud.
Device Management	EN-235551	When using VideoOS 4.0.0, the system doesn't properly log system events.



Category	Issue ID	Description
Device Management	EN-228427	Updates through Lens result in Studio X50 systems updating outside of the preferred time window.
Device Management	EN-228030	Studio X Family systems don't provision the <b>Hide Homes Screen Icons</b> setting through Lens.
Interoperability	EN-233351	Configuring static IP and VLAN through the system web interface results in IP 0.0.0.0 assigned.
Interoperability	EN-236478	Configured LLDP settings for devices in web user interface don't coincide with TC8.
Peripherals	EN-212615	The G7500 system doesn't display on a second monitor when display settings are set at 50Hz.
User Interface	EN-234515	The right-hand menu becomes unavailable on a TC8 device in Teams mode.
Video	EN-235844	When using Studio X family systems and you unplug the USB-C cable in Device Mode, you lose video.

## Known Issues

This section identifies the known issues in this release.

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**IMPORTANT:** These release notes do not 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.

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### Known Issues

Category	Issue ID	Description	Workaround
Audio	EN-237717	On Studio X50 and Studio X70 systems, certain rooms may cause audio reverberation resulting in an echo being heard by the far end.	None.
Audio	EN-212975	During a call on a Poly Studio X70 system with a Poly Trio C60 phone paired as an audio device, the far end may hear audio clipping.	None.
Audio	EN-119155	Downloading logs during a call temporarily disconnects the Poly Microphone IP adapter, resulting in a loss of audio on the far end.	Download logs outside of a call.

Category	Issue ID	Description	Workaround
Camera	EN-237005	After updating to 4.0.0, on a G7500 system with a connected Studio E70, video latency shows after the system is left idle.	Restart the system.
Camera	EN-236657	Selecting Disable All USB Ports on the Studio X70 system disconnects the camera.	None.
Camera	EN-234538	On a G7500 or Studio X Family system with a connected EagleEye IV USB camera, the system doesn't start using Preset 1.	None.
Camera	EN-234479	On a G7500 system with three USB-connected Studio E70 cameras powered by G7500 LLN ports, one or more Studio E70 cameras may not properly connect to the video conferencing system after restart.	Restart the system.
Camera	EN-233998	On a Studio G7500 or Studio X Family system in Device Mode with a connected Studio E70 camera, you can't toggle camera tracking on after saving a preset on the TC8.	Change tracking settings in outside of Device Mode or use the system web interface.
Camera	EN-227999	On a G7500 or Studio X50 system, when you unplug the current people camera, the HDMI input set as <b>People</b> becomes the primary camera and takes priority over the built-in camera.	Log in to the system web interface and change the people camera to the preferred connected camera.
Configuration	EN-191539	If you don't select the country during initial system setup, any subsequent changes to the camera <b>Power Frequency</b> don't change the setting.	Select the country in the system web interface.
Device Management	EN-237739	On the Studio X70 system, when sharing using HDMI, no content is shown on the monitor.	Restart the system.
Device Management	EN-236658	Selecting Disable All USB Ports causes the system to restart.	None.
Device Management	EN-236430	On a Studio X70 systems in Device Mode, HDMI video may flicker and eventually freeze	Restart the system.

Category	Issue ID	Description	Workaround
Device Management	EN-239977	After updating to VideoOS 4.0.0, your system cannot connect to Poly Workflow Suite (formerly Workflow Server) running on Microsoft Windows Server to retrieve calendar information.	No workaround. Wait to update system until this issue is fixed in a later VideoOS v4.x release.
Device Management	EN-226868	On Studio X70 systems, HDMI 1 output may display a blank screen during a pinhole factory reset.	Temporarily move the HDMI cable to the HDMI 1 output or use the system web interface to monitor factory reset progress.
Device Management	EN-225374	On a Studio X70 system in sleep mode, logs for the built-in camera may not be included in the Studio X70 log file.	Before collecting system logs, wake the system.
Device Management	EN-213422	While factory restoring a Studio X70 system, the system LEDs only glow white. The LEDs don't glow amber or yellow.	Do one of the following: <ul style="list-style-type: none"> <li>Use the glowing white light to monitor the factory restore process.</li> <li>Initiate and monitor the factory restore from the system web interface.</li> </ul>
Device Management	EN-178323	Entering Device Mode unregisters the gatekeeper and SIP registrar server on Studio X30.	Exit Device Mode.
Partner Application	EN-238687	On a Studio X30 and Studio X50 with a paired TC8 touch controller, the system updates to VideoOS 4.0.0 but Teams admin center shows the update as failed.	None.
Partner Application	EN-234584	On a Studio X50 system, when HDMI content is shared from Teams desktop app a green bar appears on the right of the screen.	None.
Partner Application	EN-238006	On a system in Zoom Rooms mode, after the updating the system to VideoOS 4.0.0, camera tracking doesn't work.	Restart the system.
Partner Application	EN-237349	On a Studio X30 system in Zoom mode, hot plugging a content source may cause the camera to stop working.	Restart the system.
Partner Application	EN-236590	On a G7500 system with a connected Studio E70 camera, starting Zoom Smart Gallery may result in a black screen for three to four seconds.	Restart the system.

Category	Issue ID	Description	Workaround
Partner Application	EN-235202	On Studio X50 systems in Teams mode, number keys don't work on the sign-in screen.	Do one of the following: <ul style="list-style-type: none"> <li>Select the <b>Email, phone or username</b> field to make the keys functional.</li> <li>Select the back arrow to the main screen before going back to the sign-in screen.</li> </ul>
Partner Application	EN-233628	On a Studio X70 system in Zoom mode, the built-in camera may become unavailable. Zoom Rooms reports <i>No source available</i> and the system web interface reports the camera is disconnected.	Using the system web interface, restart the Studio X70 system.
Partner Application	EN-233295	On a Studio X70 system with a connected Studio E70 camera in Zoom mode, switching the 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.
Partner Application	EN-227950	On a Studio X70 system in Zoom mode with a connected Studio E70 camera, the Studio X70 built-in camera can't run Multi-Stream.	Use one of the other available tracking modes including, manual, speaker focus, or auto-framing.
Partner Application	EN-224846	On Studio X50 and Studio X30 systems in Tencent Rooms mode, connecting a macOS computer to the system as a content source causes the system to restart.	None.
Partner Application	EN-224800	On G7500 and Studio X50 systems in Tencent Rooms mode, unplugging an active USB camera in a call and then plugging it back in causes the system to restart.	Poly recommends that you don't disconnect or connect cameras during a call.
Partner Application	EN-222715	On a G7500 system in Zoom mode with a connected Studio E70 camera, disconnecting a HDMI content cable while using Zoom Smart Gallery may result in the system displaying a message that the active camera isn't working.	Don't use Smart Gallery camera mode with G7500, E70, and HDMI In Content. Use one of the other available camera modes like manual, speaker focus, or auto-framing.
Partner Application	EN-217417	Studio X50 systems don't support Zoom Smart Gallery when using a connected Studio E70 camera.	Use one of the other available tracking modes including, manual, speaker focus, or auto-framing.

Category	Issue ID	Description	Workaround
Partner Application	EN-212620	On a system in Microsoft Teams or Zoom Rooms, the system may restart into the app launcher screen.	Do one of the following: <ul style="list-style-type: none"> <li>Restart the system.</li> <li>If you have a touch monitor or connected mouse, select your provider.</li> </ul>
Partner Application	EN-202446	On Studio X Family systems in Teams mode, the PAC file instruction isn't properly utilized to bypass the proxy.	Use the <code>(dnsDomainIs(host, "local.example.com"))</code> function instead of an IP based <code>(isInNet(dnsResolve(host), "ip_address", "IP_address_pattern_mask"))</code> function.
Partner Application	EN-237917	On a G7500 or Studio X system in Teams Rooms mode with a sleep time configured, the system enters sleep mode during a Teams Rooms whiteboard session or while sharing HDMI content.	Adjust the sleep timer on the system.
Peripherals	EN-238651	Unplugging a HDMI cable from the system causes all other wireless content sources to disconnect.	Disconnect and reattach the other content sources.
Peripherals	EN-238525	On a G7500 system your device doesn't connect using Miracast.	Restart the system and wireless connection.
Peripherals	EN-237543	On a Studio X50 system with a connected Trio C60, if you attempt to the update the system with a USB drive, the system doesn't update.	Unpair the Trio C60 and then update the system using the USB drive, After the update, pair the Trio C60 back to the system.
Peripherals	EN-235179	When using a TC10 device in Standalone Mode, the URL text box isn't long enough to enter the full server address.	Make sure your custom upgrade server address is 91 characters or less.
Peripherals	EN-234918	When using a TC10 device in Standalone Mode, the <b>Download Updates</b> field appears blank under <b>Settings &gt; Update</b> .	None.
Peripherals	EN-234766	When using a TC10 device in Standalone Mode, leaving the custom URL field blank and selecting <b>Check for Updates</b> points to new software available at the default URL.	None.
Peripherals	EN-233844	After your TC10 updates it fails to reconnect to the system.	Restart the system.
Peripherals	EN-231377	Hot plugging a UGreen HDMI to USB adapter during a call may cause the system to crash.	Before plugging in the UGreen adapter, make sure the system isn't in a call.

Category	Issue ID	Description	Workaround
Peripherals	EN-222757	On a system connected to a Biamp TesiraForte AVG VT4 with an EXT-UBT expander, audio latency may occur during a call.	None.
Peripherals	EN-210589	When using a Studio X70 system, adjusting a secondary USB camera with a Poly Bluetooth remote control causes the system to crash.	Use a paired TC8 to adjust the camera.
Peripherals	EN-196977	When you switch from a Wi-Fi connection to a wired LAN connection, your TC8 device indicates that it's unpaired. However, the system web interface indicates that the TC8 device is paired.	Restart both the system and the TC8 device.
Peripherals	EN-182043	When using a Studio X50 system in Poly Video Mode, you can't see incoming call notifications on TC8 when the TC8 device displays the <b>Camera</b> or <b>Settings</b> screen.	When the front of room monitor displays the active call message, close the <b>Camera</b> or <b>Settings</b> screens to answer the call.
Provisioning	EN-237567	Your system stops provisioning to Poly Lens and PAC File Status shows as Download Failed.	Select Update PAC File.
Provisioning	EN-238094	In RealPresence Resource Manager, web proxy settings are not being sent to the server from the system.	Restart the system.
Provisioning	EN-226934	In RealPresence Resource Manager, Poly Studio X systems are showing as offline.	Update RealPresence Resource Manager to 10.11.
Provisioning	EN-225752	The server sends an error message "Provisioning failed. There was a problem communicating with the server."	Check the configuration file for an invisible character breaking XML syntax rules.
Provisioning	EN-132148	In RealPresence Resource Manager, you can't provision the <code>exchange.meeting.reminderInterval</code> parameter using these permitted configuration values: None, 1, 5, 10, 15, or 30.	Configure this feature using the <b>Meeting Reminder Time in Minutes</b> setting in the system web interface.
Video	EN-238554	On Studio X30 systems in Device Mode the video freezes.	Exit and then re-enter Device Mode.
Video	EN-235419	On a Studio X50 or Studio X30 system, when someone speaks at the far end of a room, Speaker Mode reframes to show the entire group.	Use Group Framing.

Category	Issue ID	Description	Workaround
Video	EN-235018	On a Studio X system in Poly Video mode, the system reports content is available when no content source is connected.	Connect a content source and share content. After disconnecting the content source, the system no longer reports content is available.
Video	EN-234059	On a G7500 system with a connected USB camera, the <b>Home</b> screen PIP video preview may freeze when the system is idle for an extended period of time.	Restart the system.
Video	EN-232486	On Studio USB systems, <b>Presenter Tracking</b> doesn't lock in on the speaker and track the presenter.	None.
Video	EN-226889	On a Studio X50 or Studio X30 system, <b>Presenter Tracking</b> may take up to two minutes to frame the active speaker.	Do one of the following: <ul style="list-style-type: none"> <li>• If there is only one participant in the room, use <b>People Framing (Preview)</b> or <b>Group Framing</b>.</li> <li>• Disable tracking and use manual camera controls.</li> </ul>

## System Constraints and Limitations

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

- [Barco Clickshare Fails to Wake System from Idle](#)
- [Bluetooth and IR Remote Control and Receiver](#)
- [Connecting a Camera While the System Is On](#)
- [Disable All USB Ports](#)
- [Downloading System Logs](#)
- [Frame Speaker Mode](#)
- [Full Screen Video with Airplay Support](#)
- [Monitor Display Issues with CEC](#)
- [No Support for HDCP Sources](#)
- [Poly EagleEye Cube USB Camera](#)
- [Polycom EagleEye IV USB Camera](#)
- [Polycom EagleEye IV 10 Meter HDCI Digital Camera Cable](#)
- [Primary Audio Volume in Partner Mode](#)
- [Secure Media Streams](#)
- [Sharing Content with RealPresence Desktop](#)
- [Sleep and Out of Office Settings in Partner Mode](#)

- [Using the System in Device Mode](#)
- [Using the System in Microsoft Teams Mode](#)
- [Zoom Smart Gallery Using Multiple Cameras Isn't Supported](#)

## ***Barco Clickshare Fails to Wake System from Idle***

Poly recommends waking the Poly system before clicking on Barco Clickshare. If a blue screen displays after clicking on Barco Clickshare, disconnect and then reconnect the HDMI cable.

## ***Bluetooth and IR Remote Control and Receiver***

Poly Bluetooth and IR Remote Control functionality may be limited when using partner applications.

## ***Connecting/Disconnecting a Camera While the System Is On***

Poly recommends that you do not connect or disconnect a camera when the system is powered-on. To connect/disconnect a camera, you should first turn off the system and then connect/disconnect the camera.

## ***Disable/Enable All USB Ports***

Disabling USB ports on Studio X70 systems results in the built-in camera being disconnected.

## ***Downloading System Logs***

Wake the system before downloading system logs to ensure all component logs are captured.

## ***Frame Speaker Mode***

Based on customer feedback, Poly plans to improve the performance of Frame Speaker mode in a forthcoming release. If you experience undesired behavior when **Tracking Mode** is set to **Frame Speaker**, Poly advises setting **Tracking Mode** to **Frame Group**.

## ***Full Screen Video with Airplay Support***

You can't use Airplay to share full screen video from a website or app on an iOS device.

## ***HDMI to DVI Not Supported***

Poly recommends only using monitors with a direct HDMI input as G7500 and Studio X Family systems don't support HDMI to DVI adapters.



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## ***Monitor Display Issues with CEC***

If you experience display issues after the system wakes from sleep, disable CEC in the system web interface.

## ***No Support for HDCP Sources***

You can't send content from a High-bandwidth Digital Content Protection (HDCP) source to your system. An HDCP source can be a Blu-ray player, DVD player, or similar device.

## ***Poly EagleEye Cube USB Camera***

Note the following when using an EagleEye Cube USB camera with your system:

- The system doesn't support 1080p at 60 fps, but it does support 1080p at 30 fps.
- The system logs don't include entries about the camera. You can download camera logs using [Poly Lens Desktop](#).
- Some camera settings are available only through the Poly Lens Desktop application (for example, hue).
- You can provision camera settings with RealPresence Resource Manager only when you connect the camera to your system.
- If you previously purchased an EagleEye Cube USB camera to use with a Poly Trio system, you can also use the camera with your system. However, to avoid camera connectivity issues Poly recommends updating the camera to firmware version 1.1.0-827 or later:
  - Connect the camera to a Poly Trio system running software version 5.9.0AB or later.
  - Update the camera using the Poly Lens Desktop application.

## ***Poly EagleEye Cube Microphone***

Do not use the Eagle Eye Cube microphone with a USB DSP audio solution due to conflict between the microphones.

## ***Polycom EagleEye IV USB Camera***

Note the following when using an EagleEye IV USB camera with your system:

- The pan, tilt, zoom controls don't work if you use the camera with an Acer T232HL touch monitor.
- When EagleEye IV is set as the primary camera, Preset 1 isn't used for the default camera position. The camera uses the default full-frame camera view.

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## ***Polycom EagleEye IV 10 Meter HDCI Digital Camera Cable***

The 10 m (32.8 ft) HDCI cable (part number 2457-64356-101) used to connect an EagleEye IV camera to your G7500 system isn't supported.

If you need to connect your camera up to that distance, use the Polycom EagleEye Digital Extender instead. For more information, see the [Poly G7500 Room Preparation Guide](#).

## ***Primary Audio Volume in Partner Mode***

Configuring the **Primary Audio Volume** setting with the system web interface isn't supported in Partner Mode. Change the volume using your partner application settings instead.

## ***Secure Media Streams***

Media streams (audio, video, and content) over HTTPS aren't supported. Media streams in H.323 and SIP calls are encrypted using SRTP.

## ***Sharing Content with RealPresence Desktop***

You can't share content to a system using the RealPresence Desktop for Windows or Mac application.

## ***Sleep and Out of Office Settings in Partner Mode***

Configuring sleep and out-of-office settings with the system web interface may not be supported in Partner Mode. Check your partner application settings for support of similar functionality.

## ***Using Device Mode with a Paired Trio Speakerphone***

Note the following limitations when using your system as an external camera, microphone, and speaker in Device Mode from a paired Trio 8500, Trio 8800, or Trio C60 system:

- You can only access Device Mode from the Trio screen when the system is in Poly Video Mode.
- When the system is in Device Mode, the controls displayed on the Trio screen don't work.
- System and connected microphone LEDs don't indicate you're muted if you mute using RealPresence Desktop.
- You can't use the Bluetooth remote control to interact with your system.

## ***Using the System in Microsoft Teams Mode***

Note the following limitations when using Microsoft Teams with a Poly video conferencing system:

- Poly TC10 doesn't support Microsoft Teams Rooms.

- Poly Trio is only supported as an audio device and not as a controller. You must use a touchscreen, a paired TC8 device, or a Bluetooth remote to interact with the system.
- The solution is certified for use with one E70 camera.
- The Studio X30/X50/X70 solution supports only built-in cameras.

## ***Zoom Smart Gallery Using Multiple Cameras Is Not Supported***

When using Zoom Smart Gallery, using multiple connected cameras is not supported.

## **Get Help**

For more information about installing, configuring, and administering Poly/Polycom products or services, go to [Poly Support](#).

## ***Related Poly and Partner Resources***

See the following sites for information related to this product.

- [Poly Support](#) is the entry point to online product, service, and solution support information. Find product-specific information such as Knowledge Base articles, Support Videos, Guide & Manuals, and Software Releases on the Products page, download software for desktop and mobile platforms from Downloads & Apps, and access additional services.
- The [Poly Documentation Library](#) provides support documentation for active products, services, and solutions. The documentation displays in responsive HTML5 format so that you can easily access and view installation, configuration, or administration content from any online device.
- The [Poly Community](#) provides access to the latest developer and support information. Create an account to access Poly support personnel and participate in developer and support forums. You can find the latest information on hardware, software, and partner solutions topics, share ideas, and solve problems with your colleagues.
- The [Poly Partner Network](#) is a program where resellers, distributors, solutions providers, and unified communications providers deliver high-value business solutions that meet critical customer needs, making it easy for you to communicate face-to-face using the applications and devices you use every day.
- [Poly Services](#) help your business succeed and get the most out of your investment through the benefits of collaboration. Enhance collaboration for your employees by accessing Poly service solutions, including Support Services, Managed Services, Professional Services, and Training Services.
- With [Poly+](#) you get exclusive premium features, insights and management tools necessary to keep employee devices up, running, and ready for action.
- [Poly Lens](#) enables better collaboration for every user in every workspace. It is designed to spotlight the health and efficiency of your spaces and devices by providing actionable insights and simplifying device management.

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Poly  
345 Encinal Street  
Santa Cruz, California  
95060