Poly Studio E70 Camera

Contents

What's New

Note: Poly delivers the Studio E70 1.7.1 software as part of Poly VideoOS 4.0.1 For more information on Poly Studio E70 features, compatibility, known issues, and resolved issues see the *Poly VideoOS 4.0.1 Release Notes* on the [Poly Online Support Center.](#)

Poly Studio E70 1.7.1 is a maintenance release and includes no new features.

Release History

Release History

Release	Release Date	Description
1.7.1	May 2023	Maintenance release
1.7.0	March 2023	Maintenance release
1.6.2	December 2022	Maintenance release (Studio E70 1.6.2-260011)
1.6.2	September 2022	Maintenance release (Studio E70 1.6.2-260005)
1.6.0	August 2022	Maintenance release including connectivity fixes for G7500 and Windows PCs
1.5.0	June 2022	Added People Framing (Preview Only)
1.4.0	April 2022	Maintenance release
1.3.0	March 2022	Maintenance release
1.2.1	January 2022	Studio E70 certified for Microsoft Teams Room for Windows
1.2.0	December 2021	Support for Zoom Rooms Smart Gallery
1.1.0	November 2021	Maintenance release
1.0.3	October 2021	Camera tuning enhancements
1.0.2	August 2021	Initial release of Poly Studio E70 USB camera

Security Updates

Visit the [Poly Security Center](#) site 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](#)*.

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 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.

Products Tested with This Release

Product	Tested Versions
Poly G7500	Poly VideoOS 4.0.1
Poly Studio X70	Poly VideoOS 4.0.1
Poly Studio X50	Poly VideoOS 4.0.1
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

Poly Studio E70 PoE Power Requirements

When using a PoE-enabled Ethernet port to power the Studio E70, the port powering the Studio E70 must be capable of supplying 30W PoE+ Type 2/Class 4 power.

Supported Peripherals and Applications

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

Applications

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

USB 3.0 Extenders and Cables

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

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

USB 2.0 Extenders and Cables

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

> **Caution:**   Do not connect the Sound Control USB extender to the Ethernet port on the Studio E70. Connecting the RCU2S-E70 to the Studio E70 Ethernet port will damage the device, make it inoperable, and void your warranty.
> For information on connecting the Studio E70 to the RCU2S-E70 for the Poly Studio E70, see the RCU2S-E70 USB Application Guide on the [Sound Control website](#).

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

This section identifies the resolved issues in this release.

Category	Issue ID	Description
Camera	EN-241022	On a G7500 system in Zoom mode with connected E70 camera, the camera freezes or disconnects when switching from any tracking mode to manual mode.
Camera	EN-239914	On a G7500 system in Zoom mode with two connected E70 cameras, one of the E70 cameras will flicker on and off.
Camera	EN-240456	On a G7500 system, microphones disconnect when a Studio E70 is connected.
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 touch controller.
Peripherals	EN-239923	On a G7500 system with an E70 camera connected using a USB extender in Zoom mode, connection is lost to the camera.

Known Issues

This section identifies the known issues in this release.

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.

Category	Issue ID	Description	Workaround
Camera	EN-238553	On a Studio X70 system with a connected Studio E70 camera, video does not swap between tele and wide lens in pan-tilt-zoom (PTZ) mode.	None.
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-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.

Category	Issue ID	Description	Workaround
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
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-222715	On a G7500 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.

System Constraints and Limitations

This section provides information on constraints and limitations when using the Poly Studio E70 camera.

- [Camera Framing When Using Zoom Rooms](#)
- [Frame Speaker Mode](#)

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

Frame Speaker Mode

Based on customer feedback, Poly will 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.

Get Help

For more information about installing, configuring, and administering Poly/Polycom products or services, go to the Poly Online Support Center.

Related Poly and Partner Resources

See the following sites for information related to this product.

The Poly Online Support Center is the entry point to online product, service, and solution support information including Video Tutorials, Documents & Software, Knowledge Base, Community Discussions, Poly University, and additional services.

The Poly Document 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.

The Poly Services help your business succeed and get the most out of your investment through the benefits of collaboration.

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.

With Poly+ you get exclusive premium features, insights and management tools necessary to keep employee devices up, running and ready for action.

Privacy Policy

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