How to Configure and Adjust Quality Settings for Remote Recorders

Overview

The Panopto Remote Recorder grants you the ability to schedule a session automatically without the need for someone to physically be on your machine. After reading this article, you will learn how to manage your remote recorder settings, and verify the status of the Remote Recorder via the Preview page.

Prerequisites

- Admin access to Panopto

Note: You can not have the "Panopto Recorder for Windows" software currently running while a scheduled recording is about to take place. The Remote Recorder will not be able to record properly.

1. Remote Recorder Preview Page

1.1. Log in to the Panopto server with your Admin rights. Click on System < Remote Recorders (Fig. 1).

1.2. Click on the name of the Remote Recorder that will load in a preview window (Fig. 2).

Figure 1
1.3. Here is what you should see in the preview:

**Audio:** Lists the timestamp of the last audio sample taken from this recorder, along with a histogram from this sample.

**Status:** In our example, the Remote Recorder is Previewing. A Remote Recorder's status may be:

- **Previewing:** Remote Recorder is in a working state and has a primary source.
- **Stopped:** Remote Recorder does not have a primary source, but has other available recording sources; it may be used as a secondary Remote Recorder in this state.
- **Blocked:** The Remote Recorder application is blocked from previewing, most commonly due to the Panopto Recorder being launched on the machine.
- **Disconnected:** The Remote Recording machine is off or does not have an active network connection.
- **Recording:** The Remote Recorder is currently capturing a session.
**Record**: If the Remote Recorder is in the "Previewing" or "Stopped" status, you can start recording by selecting a session title, folder, duration. You may also webcast the session if desired. Click the **Record** button if you'd like to create a session immediately using the existing settings.

2. **Remote Recorder Configuration Page**

2.1. **Log in** to the Panopto server with your Admin rights. Click on **System < Remote Recorders** (Fig. 4).

![Figure 4](Image)

2.2. Click on the name of the **Remote Recorder** you want to configure.

2.3. This will open the preview window by default. After it loads, click on **Configuration** (Fig. 5).

![Figure 5](Image)

2.4. You will be presented the configuration page for your selected Remote Recorder (Fig. 6).
3. Device Configuration

3.1. Capture: Checking or unchecking this box next to a device enables or disables the device for recording.

*Note: If you already have a "Primary" option selected, enabling other video sources will add these selections as secondary streams (Fig. 7).*
3.2. In the example above, the **Lifecam VX-1000** will record as a Primary video source, and the **Lifecam Cinema** will record as a secondary device since the **Capture** checkbox is enabled.

3.3. **Device Name**: Lists the name of the recording source.

3.4. **Primary Video**: If **Capture** is selected, and this corresponding checkbox is enabled next to a device, this recording hardware will be used as the primary video source.

3.5. **Primary Audio**: Like the primary video, if **Capture** is selected, and this corresponding checkbox is enabled next to a device, this recording hardware will be used as the primary audio source (Fig. 8).

*Note: If the device does not have an audio device, the Remote Recorder will only be able to be used as a secondary Remote Recorder (Fig. 9).*

3.6. **Capture Screen**: Selecting this will capture the available screen/s on the recording machine.

3.7. **Capture Slides**: Selecting this will capture the PowerPoint slides during the recording if the user presents a PPT file.

4. **Quality Settings** (Fig. 9).

4.1. **Primary Video Quality**: Choose the primary video quality by moving the slider up or down depending on the quality you desire.

4.2. **Secondary Video Quality**: Secondary Video Quality is set using the slider method above. Note that all secondary video sources will capture at this quality level.
4.3. **Optimized for**: Clicking **Motion** will modify the secondary settings to record at a lower resolution, but higher frame rate, while selecting **Resolution** will favor recording quality over frames per second.

4.4. Clicking **Apply these settings instead** will overwrite previously scheduled recording with these settings (Fig. 10).

Some sessions may be using their own settings. **Apply these settings instead.**

**Figure 10**

### 5. Apply Quality Settings for all Remote Recorders on your site

5.1. **Log in** to the Panopto server with your Admin rights. Click on **System < Remote Recorders** (Fig. 11).

![System Remote Recorders](image1.png)

**Figure 11**

5.2. On this page, click on the **gear (settings)** icon at the top right (Fig. 12).

![Remote Recorders settings](image2.png)

**Figure 12**

5.3. This will launch the **Quality Settings for all Remote Recorders** window (Fig. 13).
5.4. **Primary Video Quality**: Choose the primary video quality by moving the slider up or down depending on the quality you desire.

5.5. **Secondary Video Quality**: Secondary Video Quality is set using the slider method above. Note that all secondary video sources will capture at this quality level.

5.6. **Optimized for**: Clicking "Motion" will modify the secondary settings to record at a lower resolution, but higher frame rate, while selecting "Resolution" will favor recording quality over frames per second.

5.7. Clicking **Apply these settings instead** will overwrite previously scheduled recordings and all other Remote Recorders with these settings (Fig. 14).

Some remote recorders and sessions may be using their own settings. **Apply these settings instead.**

Figure 14

*Note: Modifying any of these quality settings will automatically configure new Remote Recorders with the chosen settings upon installation.*

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