

XDCAM pocket



This Help describes how to use XDCAM pocket.

[Overview](#)

[Camera Screen](#)

[HDMI Input Camera Screen \(Xperia PRO\)](#)

[Preview screen](#)

[Browse Screen](#)

[Job List Screen](#)

[Settings Screen](#)

[Verified Supported Devices](#)

[Usage Precautions](#)

[Trademarks](#)

XDCAM pocket

## Overview

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This application is an application that connects to C3 Portal or a Network RX Station.

By logging in to a destination, you can stream from a mobile device to a receiver device, such as the PWS-110RX1. You can also transfer files recorded on a mobile device.

## Camera Screen

The camera screen is used to start and stop streaming and recording.

### Note

- In Android 11 and later, audio and vibration notifications are turned off while the camera screen is displayed.
- The display is different when using HDMI input on the Xperia PRO. (see [HDMI Input Camera Screen \(Xperia PRO\)](#))



### 1. Rear/front camera select button

Switch between the rear camera and front camera.

### Note

- The camera of the mobile device being used cannot be switched to the front camera if the front camera does not support the frame rates configurable using this application (for example, 60 fps).

### 2. Streaming/recording icons

**Streaming**: Displayed during streaming.


**Recording**: Displayed during recording.

### 3. Streaming/recording status display


During streaming, the elapsed time and bit rate are displayed.

During recording, the elapsed time is displayed.



### 4. Connection status indicator

“Offline” is displayed when not logged in to a destination. To go online, tap the  (Home) button, and log in to the destination using [Connection] on the Settings screen.


## 5. Upload indicator

When a file transfer job is registered in the job list, an  (Upload) icon and the number of jobs yet to be completely uploaded are displayed.

The following two types of upload icon are displayed.

	File transfer is in progress.
	Files not being transferred because the device is offline or is streaming.

## 6. Audio level

Displays the audio level of CH1 and CH2. If an external microphone is connected, the  (external input) icon is displayed.

If using the built-in microphone, the mono/stereo selection and CH1/CH2 assignments for stereo are fixed for each device.

The CH1/CH2 assignments for stereo are fixed, regardless of the orientation of the mobile device.




## 7. Clip review

In recording mode, the most recently recorded clip is displayed. You can tap to display the [Preview screen](#) to play the clip.

## 8. Streaming/recording select button

Tap to switch between streaming mode and recording mode.

## 9. Start/stop button

 is displayed in streaming mode, and  is displayed in recording mode. During streaming or recording, the button changes to .

In streaming mode, this sends a request to the destination to start/stop streaming. If streaming is available, a bandwidth estimate is performed and then streaming starts. You can also start and stop streaming using the UI for the destination.

In recording mode, this starts/stops recording.

## 10. Lens select button

Select which lens to use on a mobile device equipped with multiple lenses.

Lens numbers are assigned from 1 in ascending order of focal length.

### Note

- The lens switching operation is not guaranteed on mobile devices whose operation support has not been verified.

## 11. Home button

Press to display the Browse screen, Job list screen, or Settings screen. Switch screens using the icons along the bottom of the screen.

## 12. Recording file name

In recording mode, the file name of the currently recording file or the next file to record is displayed.

The following messages may also appear depending on the situation.

Clips full	Number of clips has reached the maximum recording limit (1000).
Storage full	Insufficient free storage capacity on the mobile device.
Storage near full	Remaining free storage capacity on the mobile device is getting low.

### **13. AF select button**

Switch between AF (auto focus) and touch AF. During touch AF, tap a point on the screen to focus on that point.

### **14. Flash button**

Turn the flash on/off.

### **15. Zoom button**

Tap to display a slider. Control the zoom using the slider.

### **16. Exposure correction**

Tap to display a slider. Control the exposure using the slider.

### **17. White balance**

Adjust the white balance.

On iOS devices, adjust the white balance using the slider.

On Android devices, adjust the white balance using the supplied presets.

## HDMI Input Camera Screen (Xperia PRO)

When using the HDMI input function of Xperia PRO, the Xperia PRO supports streaming and recording of HDMI input video and audio data in the same way as for the built-in camera of the smartphone.

When HDMI input is detected, the camera screen changes to the HDMI input camera screen. The display returns to the camera screen when the HDMI cable is disconnected.

### Note

- Audio and vibration notifications are turned off while the HDMI input camera screen is displayed.



### 1. Input video format

Displays the resolution and frame rate of the HDMI input video signal.


“EXT(HDMI)” is displayed to indicate the input video signal is an HDMI external input signal.

Only 1920×1080 resolution is supported.

The following frame rates are supported. Interlaced input is not supported.

- 23.98p
- 24p
- 25p
- 29.97p
- 30p
- 50p
- 59.94p
- 60p

### 2. Connection status indicator

“Offline” is displayed when not logged in to a destination. To go online, tap the  (Home) button, and log in to the destination using [Connection] on the Settings screen.

### 3. Audio level

Displays the audio level of CH1 and CH2. For HDMI external input, the  (external input) icon is displayed.




### 4. Clip review

In recording mode, the most recently recorded clip is displayed. You can tap to display the [Preview screen](#) to play the clip.

### 5. Streaming/recording select button

Tap to switch between streaming mode and recording mode.

### 6. Start/stop button

 is displayed in streaming mode, and  is displayed in recording mode. During streaming or recording, the button changes to .

In streaming mode, this sends a request to the destination to start/stop streaming. If streaming is available, a bandwidth estimate is performed and then streaming starts. You can also start and stop streaming using the UI for the destination. In recording mode, this starts/stops recording.

### 7. Home button

Press to display the Browse screen, Job list screen, or Settings screen. Switch screens using the icons along the bottom of the screen.

### 8. Recording file name

In recording mode, the file name of the currently recording file or the next file to record is displayed. The following messages may also appear depending on the situation.






Clips full	Number of clips has reached the maximum recording limit (1000).
Storage full	Insufficient free storage capacity on the mobile device.
Storage near full	Remaining free storage capacity on the mobile device is getting low.



## Preview screen

The Preview screen appears when the clip review is tapped on the camera screen or when a clip is tapped on the Browse screen. The Preview screen displays a preview of the selected clip.




1.  (Back) button: Return to the previous screen.
2.  (Information) button: Displays metadata (clip name, creation date, memo, etc.). Arbitrary text can be entered in a memo. The entered memo is displayed in C3 Portal. When viewed on a mobile device in portrait mode, the button is not displayed because the metadata is displayed below the preview.
3.  (Upload) button: Upload clip.
4.  (Delete) button: Delete clip.
5.  (Play) button: Start clip playback. During playback, the button changes to a pause button.
6. Seek bar: Displays the playback position. You can also use scrub playback.




XDCAM pocket

## Browse Screen


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Tap  to display the Browse screen.


This screen displays recorded clips and controls playback and file transfer.

Clips with a memo entered on the preview screen display a  icon on the thumbnails.

Tap a clip to display the [Preview screen](#) to play the clip.


Select a clip and tap the  (Upload) button to register the clip in the job list and upload it to the transfer destination specified in C3 Portal or a Network RX Station. If not logged in, uploading starts after you next log in.

Select a clip and tap the  (Delete) button to delete the clip.

 (Camera): Return to the camera screen.

 (Grid) button: Displays clips in a grid.

 (List) button: Displays clips in a list.


 (Menu) button:

- Sort by: Sort clips by the specified item.
- Select all: Select all clips.
- Deselect all: Deselect all selected clips.


XDCAM pocket


## Job List Screen


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Tap  to display the Job list screen.

This screen displays the clips that are currently uploading or pending, together with the upload progress status.

 (Camera): Return to the camera screen.

 (Menu) button:

- Abort: Abort uploading. You can select an aborted clip and tap the  button to resume uploading.
- Delete completed jobs: Delete jobs after uploading is completed.
- Select all: Select all clips.
- Deselect all: Deselect all selected clips.


### Note

- If clips are registered in the job list when not connected to C3 Portal or a Network RX Station, "Unknown" is displayed as the transfer destination. When the destination is verified, the display changes to that destination and transfer begins.
- If the transfer destination is changed after the destination is verified, the verified destination is not changed.

XDCAM pocket

## Settings Screen

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Tap  to display the Settings screen.  
Configure the application settings on this screen.

### Connection

Log in to C3 Portal or a Network RX Station. Enter the following items for each.

#### Note

- It is recommended that you change the password at regular intervals for security.

### C3 Portal

- Host name: Enter the host name or IP address of C3 Portal.
- User name: Enter your user name registered for this application in C3 Portal.
- Password: Enter your password registered for this application in C3 Portal.
- Display name: Enter the name of the mobile device to display in the C3 Portal user interface.
- ID: Displays the ID used for C3 Portal device management. A value cannot be entered. You can press and hold the ID value to generate the ID again. If the ID is regenerated, the mobile device must be registered in C3 Portal again.
- Login button: Log in to C3 Portal. If you are logging in for the first time, the mobile device must be registered in C3 Portal.

### Network RX Station

- CCM address: Enter the host name or IP address of the Connection Control Manager (CCM).
- CCM port: Enter the port configured for this application in CCM.
- User name: Enter your user name registered for this application in CCM.
- Password: Enter your password registered for this application in CCM.
- Display name: Enter the name of the mobile device to display in CCM.
- ID: Displays the ID used for CCM device management. A value cannot be entered. You can press and hold the ID value to generate the ID again.
- Login button: Log in to CCM.

### Camera

- Frame rate: Specify the frame rate. The frame rates that can be configured vary with each mobile device.
- Image stabilization: Turn image stabilization on/off. Not configurable if "Not supported" is displayed.
- Grid lines: Turn the display of grid lines on/off.

### Audio

- Muting: Turn audio muting on/off.

### Streaming

- Supported video codecs: Displays the video codecs supported by the mobile device being used.
- Enable H.265/HEVC: Select to use H.265/HEVC for streaming. If the mobile device does not support H.265/HEVC, "Not supported" is displayed.

#### Note

- Even if [Enable H.265/HEVC] is set to ON, streaming in H.265/HEVC does not occur if H.265/HEVC is disabled in C3 Portal or on the Network RX Station, or if the Network RX Station does not support H.265/HEVC.

## Recording

- Size: Select the resolution for recording.
- Clip name: Set the naming format for clips (title, number suffix). The naming of recorded clips is in “<title>\_<NumberSuffix>” format, where the number suffix increments with each clip that is recorded.

### Hint

- Clips are recorded in the following format.
  - File extension: MP4
  - Video encoding: H.264/AVC
  - Audio encoding: AAC
- Clips are recorded with a variable frame rate.

## File transfer


- Auto upload: Place a check mark in the checkbox to automatically register recorded clips in the job list and upload.

## About

- End user license agreement: Display the End User License Agreement.
- Privacy policy: Display the privacy policy.
- License information: Display license information.

## Help

Display the Help (this document).

Tap the  (Camera) button to return to the camera screen.

XDCAM pocket

## Verified Supported Devices

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Operation of this application has been verified on the following mobile devices and audio devices.

### Mobile devices

- iPhone 11 Pro
- iPhone 12 mini
- Galaxy S10 (SM-G973F)
- Xperia PRO
- Xperia 1 III

### Network RX Station

- PWS-100RX1 v1.18 or later
- PWS-110RX1 v1.18 or later
- PWS-110RX1A v1.18 or later

#### Note

- Network RX Station v1.8 or earlier cannot be connected.

### External audio devices

- iRig Mic Studio
- IQ7 (iOS devices only)

XDCAM pocket

## Usage Precautions

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- If you are connecting to C3 Portal, the mobile device must be registered in C3 Portal. If the application is uninstalled and then reinstalled on Android devices, or if the device is reset on iOS devices, the mobile device must be registered in C3 Portal again.
- Correct operation is not guaranteed if an external audio device is connected or disconnected while the application is running.
- The streaming image quality may vary depending on the chipset installed in mobile devices, and instances where a deterioration in streaming image quality occurs, in comparison with verified devices, have been confirmed.
- Devices may switch to 3G if an incoming telephone call is received while the application is running. Switching to 3G while streaming will cause a deterioration in streaming image quality.
- Streaming or recording will stop if the application is moved to the background, while streaming or recording, due to an incoming or outgoing call.
- On iOS devices, you can block incoming calls by configuring [Settings] – [Do Not Disturb]. This will prevent streaming or recording from stopping when an incoming call is received.
- If transfer of clips to an FTP server using FTPS is configured in C3 Portal or on a Network RX Station, the FTPS transfer will fail if the server certificate is a certificate issued from a private certificate authority.
- Streaming will stop if the network is switched, from Wi-Fi to LTE for example, while streaming.
- Depending on the mobile device and the usage environment, this application may not operate normally due to generation of heat. In this case, allow the device to cool down before use.
- On iOS devices, uninstalling this application will also remove all recorded clips. Use the following procedure to back up the recorded clips.
  1. Connect the iOS device to a computer.
  2. Using the export function of Apple Configurator 2 or the file sharing function in iTunes for Windows, save the Clip folder of this application to the computer.

XDCAM pocket

## Trademarks

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- Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries.
- The official name of Windows is Microsoft Windows Operating System.
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