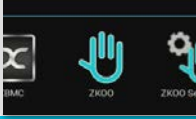

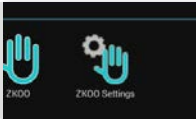
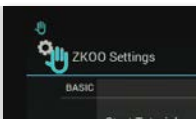
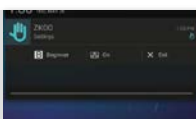


User's Guide

- 1** Start 
- 2** Camera View 
- 3** Opening Settings Menu 
- 4** Settings Menu Details 
- 5** Exit 

1. Start

1. Start

2. Camera View

3. Opening Settings Menu

4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

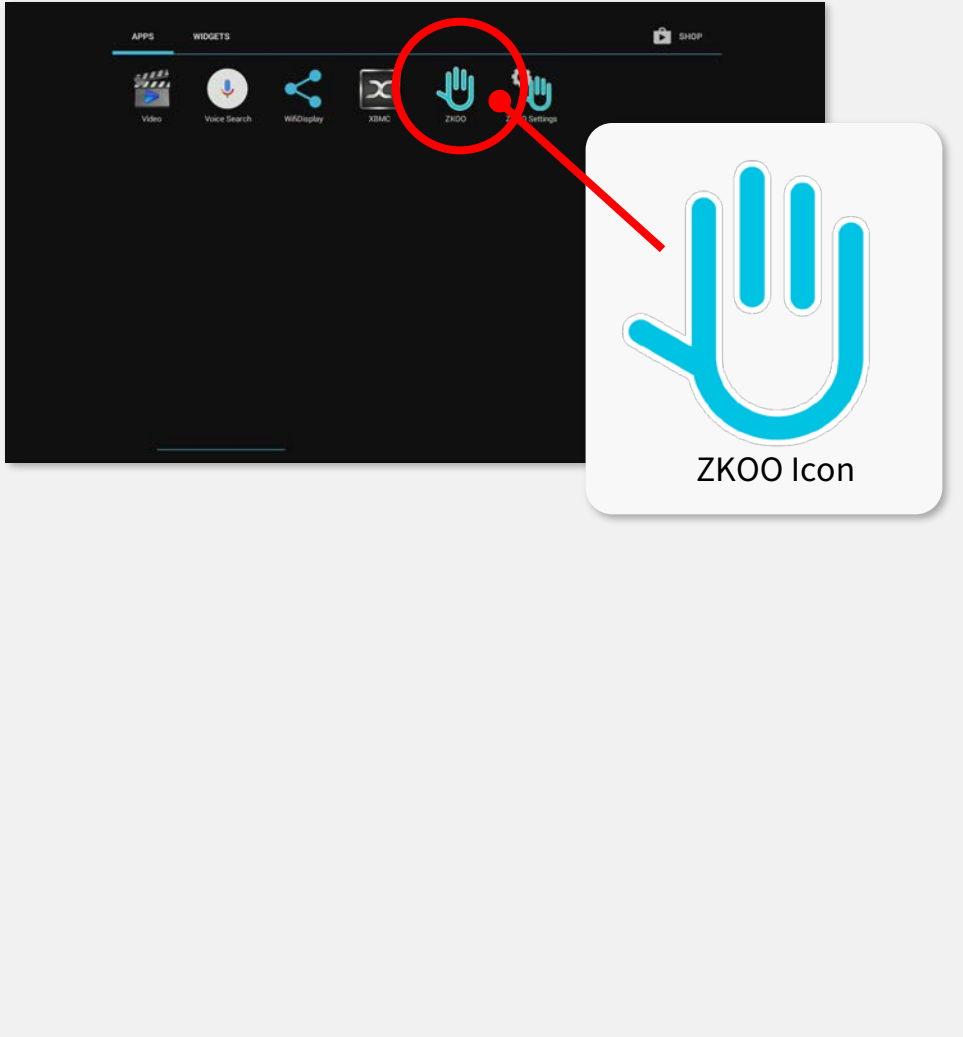
-07 _ 3

-08 _ 4

-09 _ 5

-10 _ 6

5. Exit



Starting ZKOO application from ZKOO Icon

Start up the ZKOO application by tapping on the ZKOO icon in the app tray.

2. Camera View

1. Start

2. Camera View

3. Opening Settings Menu

4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

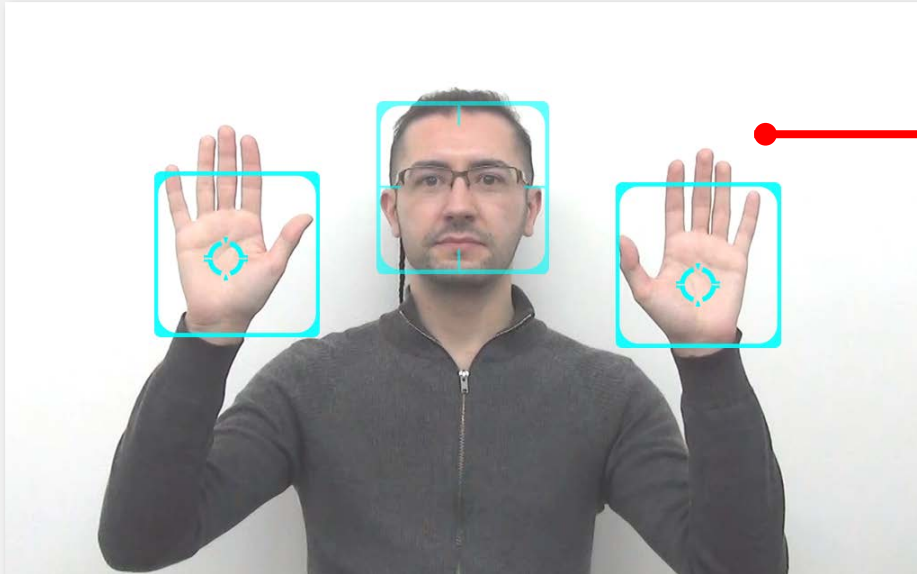
-07 _ 3

-08 _ 4

-09 _ 5

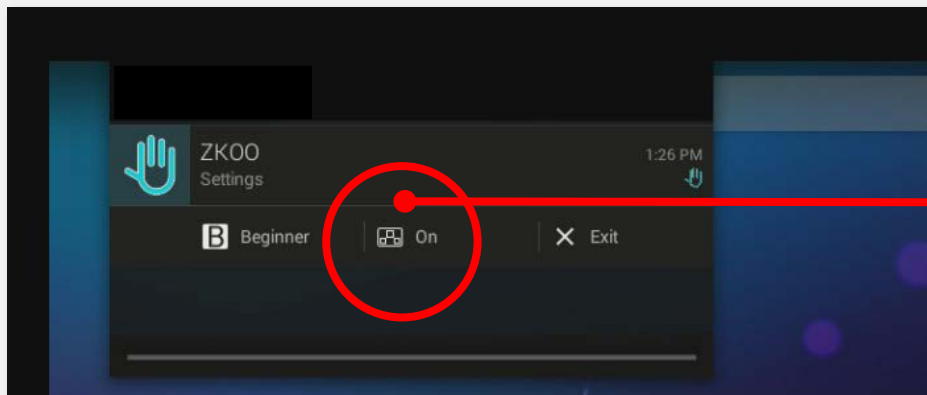
-10 _ 6

5. Exit



Camera View

Camera View shows what ZKOO camera is shooting. During gesture, it shows the user playing with ZKOO.



From the Camera View Icon in the notifications bar, the Camera View can be turned ON & OFF.



_ ON



_ OFF

3. Opening Settings Menu

1. Start

2. Camera View

3. Opening Settings Menu

4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

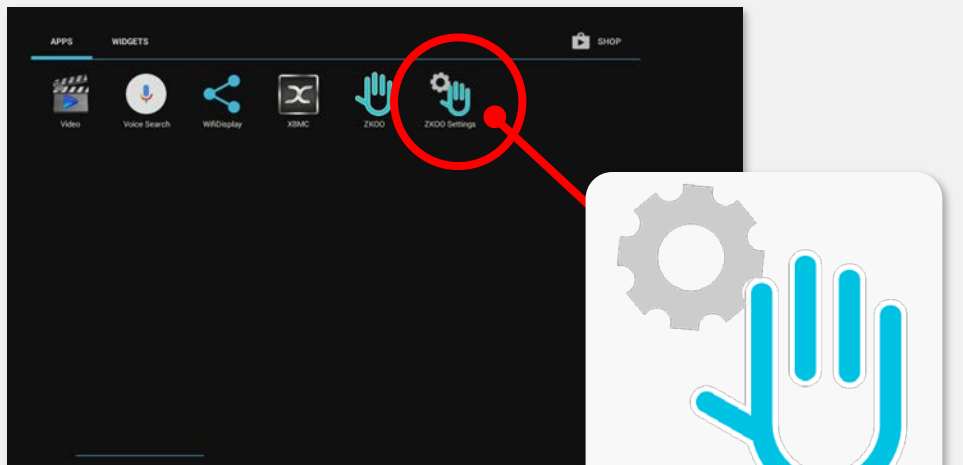
-07 _ 3

-08 _ 4

-09 _ 5

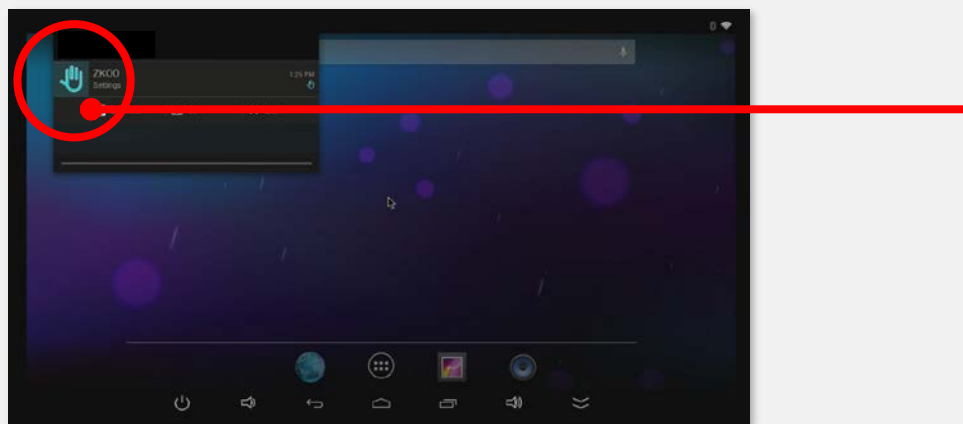
-10 _ 6

5. Exit



ZKOO Icon

Start up the ZKOO Settings menu by tapping on the ZKOO Settings icon in the app tray.



ZKOO Settings can also be started from the ZKOO Icon in the Notifications bar.

4. Settings Menu Details

1. Start

2. Camera View

3. Opening Settings Menu

4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

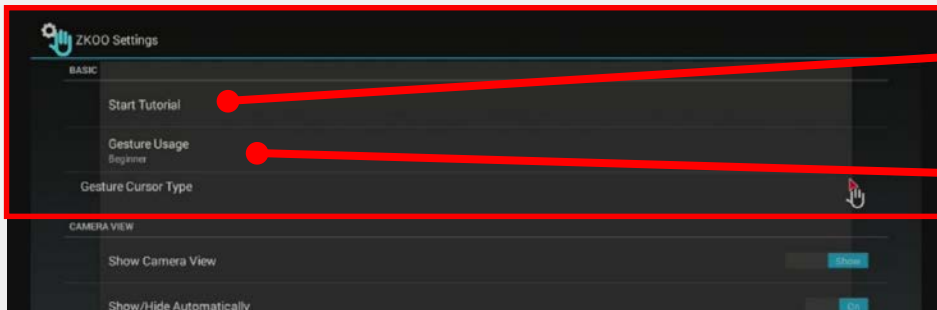
-09 _ 5

-10 _ 6

5. Exit

Basic

01



Start Tutorial

Tutorial is started when Start Tutorial button is selected.

Gesture Usage

Select the appropriate gesture mode for your application.

Beginner

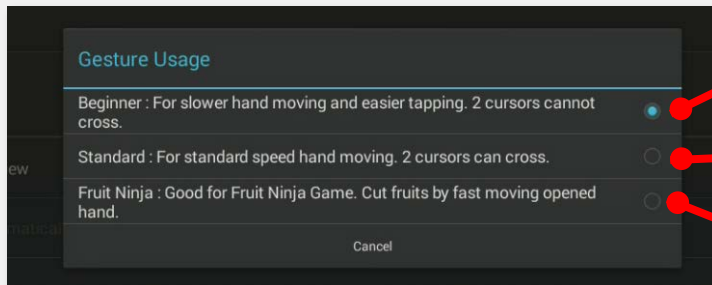
It is recommended for beginners and those who only use one hand. It is suitable for slow hand movements. When two hands are used, the cursors cannot cross each other to avoid confusion of cursor positions.

Standard

It is recommended for those who are accustomed to gesture user interface. It is suitable for fast hand movements. When two hands are used for gesture, cursors can cross over each other.

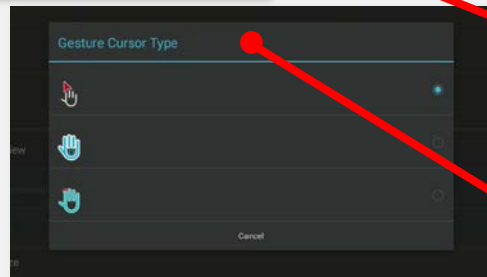
Fruit Ninja

It is suitable for playing Fruit Ninja Game. It is possible to cut fruits with fast moving, open hands. It is not necessary to close hands to tap.



Gesture Cursor Type

Select the type of cursor displayed on the Screen.



4. Settings Menu Details

1. Start

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-01 _Basic 1

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-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

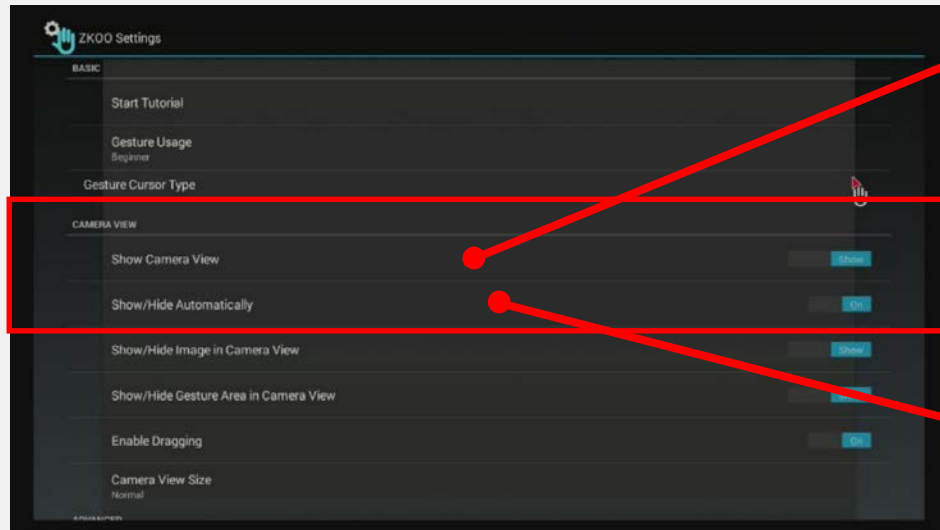
-09 _ 5

-10 _ 6

5. Exit

Camera View

01



Show Camera View

Show/Hide

This option enables showing and hiding the Camera View manually.

When first starting out, it is recommended to keep showing the Camera View.

After getting accustomed to gesture, it is possible to control ZKOO without showing the Camera View.

Show/Hide Automatically

This setting applies only when Camera View is set to [Show]

On/Off

This option enables showing and hiding the Camera View automatically. The Camera View is shown to detect the face and hand. After detecting the face & hand and tracking is started, the Camera View hides automatically. When the ZKOO camera loses tracking of a hand, the Camera View is redisplayed automatically.

This option is recommended for users who do not need the Camera View after initial hand detection is completed.

4. Settings Menu Details

1. Start

2. Camera View

3. Opening Settings Menu

4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

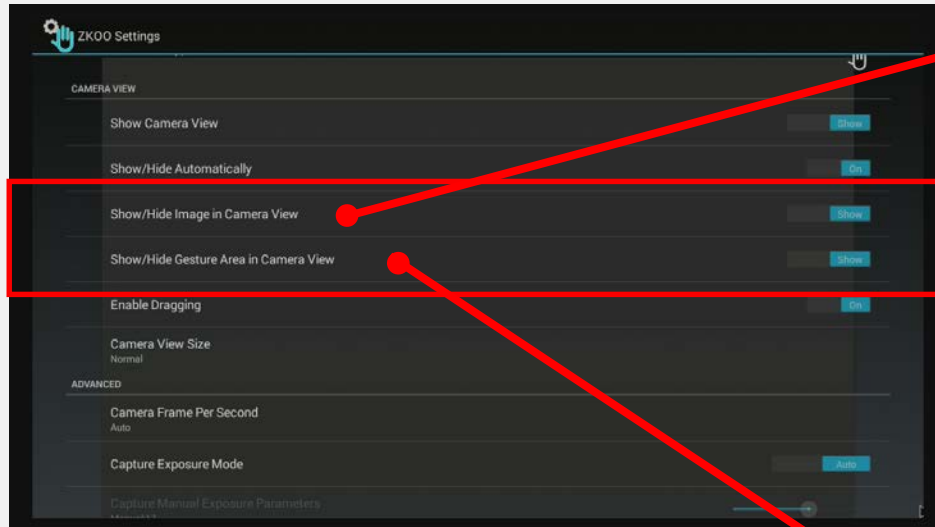
-09 _ 5

-10 _ 6

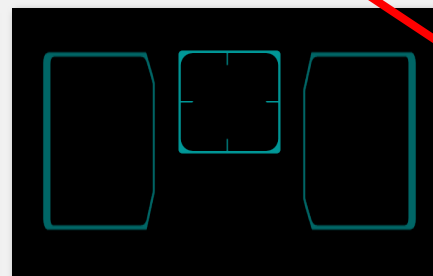
5. Exit

Camera View

02



Show video feed and the gesture areas in the Camera View



Show the gesture areas only in the Camera View

Show/Hide Image in Camera View

You have the option of showing/hiding the video feed within the Camera View.

Show

Video feed is displayed

For devices that support the Camera View as listed in <http://zkoocamera.com/support/>, the video feed is set to [Show] by default.

Hide

For devices that do not support the Camera View, the video feed is set to [Hide] by default.

Show/Hide Gesture Area in Camera View

Show/Hide

You have the option of showing/hiding the gesture tracking areas in the Camera View.

4. Settings Menu Details

1. Start

2. Camera View

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4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

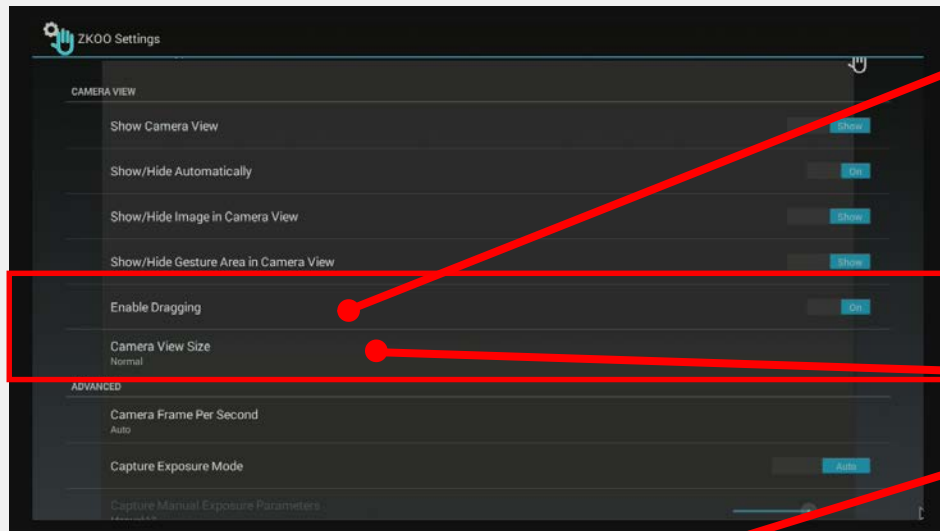
-09 _ 5

-10 _ 6

5. Exit

Camera View

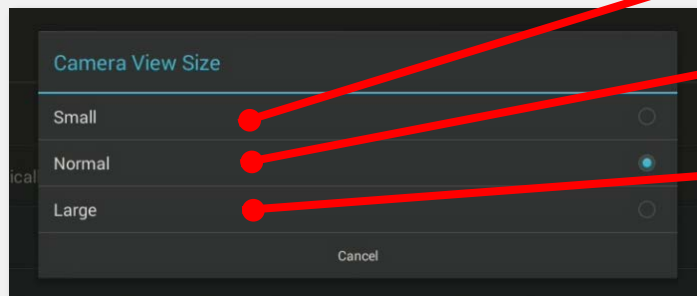
03



Enable Dragging

On/Off

Check On to enable to move the Camera View with dragging.



Camera View Size

Small

Make the Camera View screen size smaller.

Normal

Default size.

Large

Make the Camera View screen size larger.

4. Settings Menu Details

1. Start

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3. Opening Settings Menu

4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

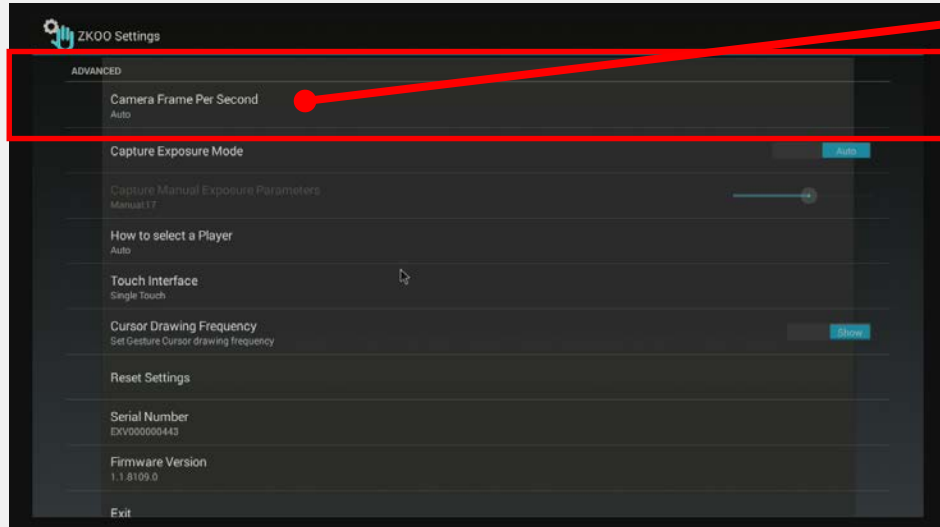
-09 _ 5

-10 _ 6

5. Exit

Advanced

01



Camera Frame Per Second

Depending on the power line frequency, flickering may occur and disturb ZKOO capability. Adjusting the camera frames per second (fps) can help mitigate this issue.

Auto

This is the default setting.

ZKOO will automatically switch between 100fps and 120fps according to the power line frequency.

100fps

Choose 100fps if the power line frequency of your location is 50Hz.

120fps

Choose 120fps if the power line frequency of your location is 60Hz.

4. Settings Menu Details

1. Start

2. Camera View

3. Opening Settings Menu

4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

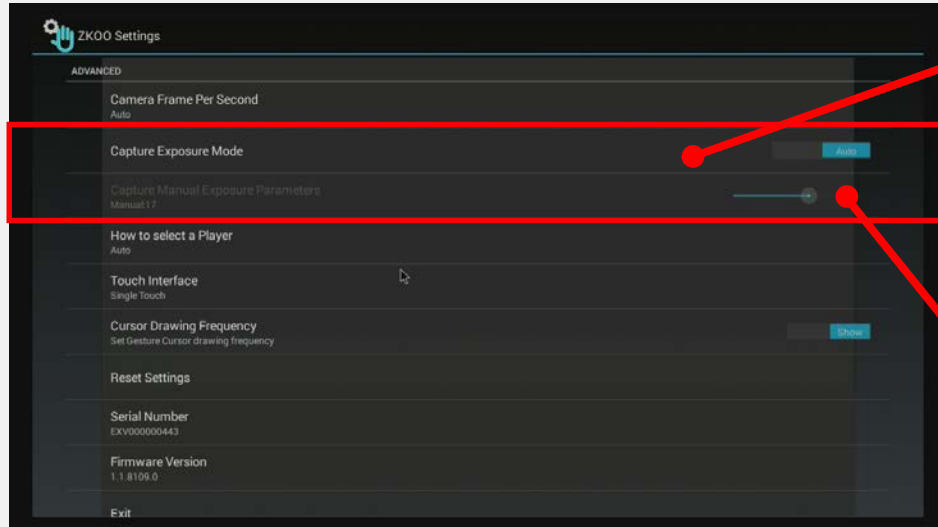
-09 _ 5

-10 _ 6

5. Exit

Advanced

02



Capture Exposure Mode

Choose an exposure mode: Auto or Manual.

Auto

Camera exposure is adjusted automatically. This is the default setting.

Manual

Adjust the exposure manually. This is useful when factors like backlight prevent the ZKOO from clearly capturing your face and hands. Use the slider to adjust the exposure.

4. Settings Menu Details

1. Start

2. Camera View

3. Opening Settings Menu

4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

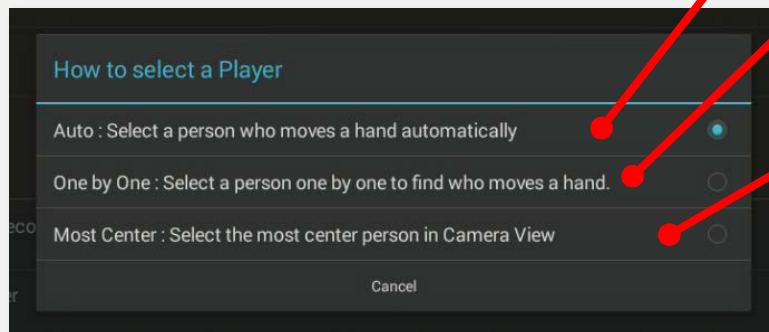
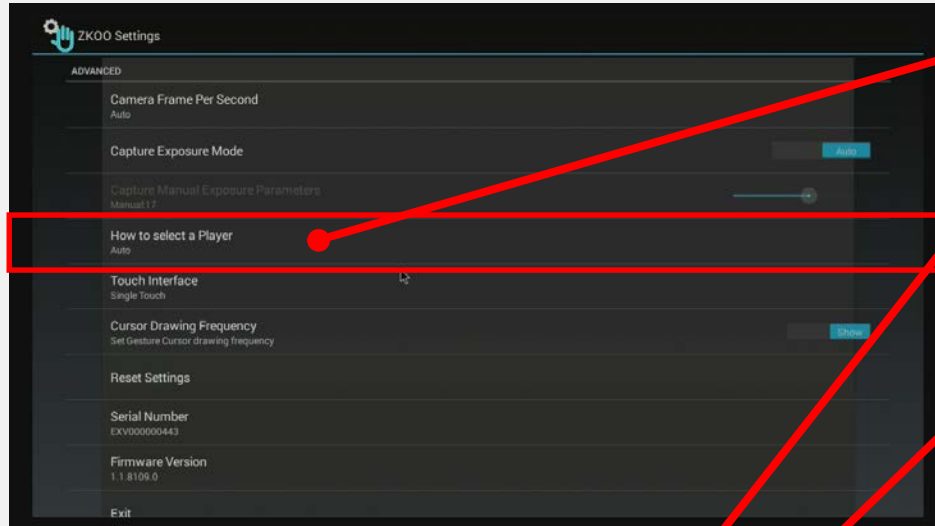
-09 _ 5

-10 _ 6

5. Exit

Advanced

03



How to Select a Player

Auto

This option is selected by default. The person shown in the Camera View with moving hands is selected as the player.

One by One

Every person in the Camera View is tracked one by one and the person with the moving hand is selected as the player. This option is recommended when Auto mode has trouble detecting the appropriate player.

Most Center

The person whose position is closest to the center of the Camera View is selected as the player. This option is recommended when there is a lot of movement in the Camera View background.

4. Settings Menu Details

1. Start

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-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

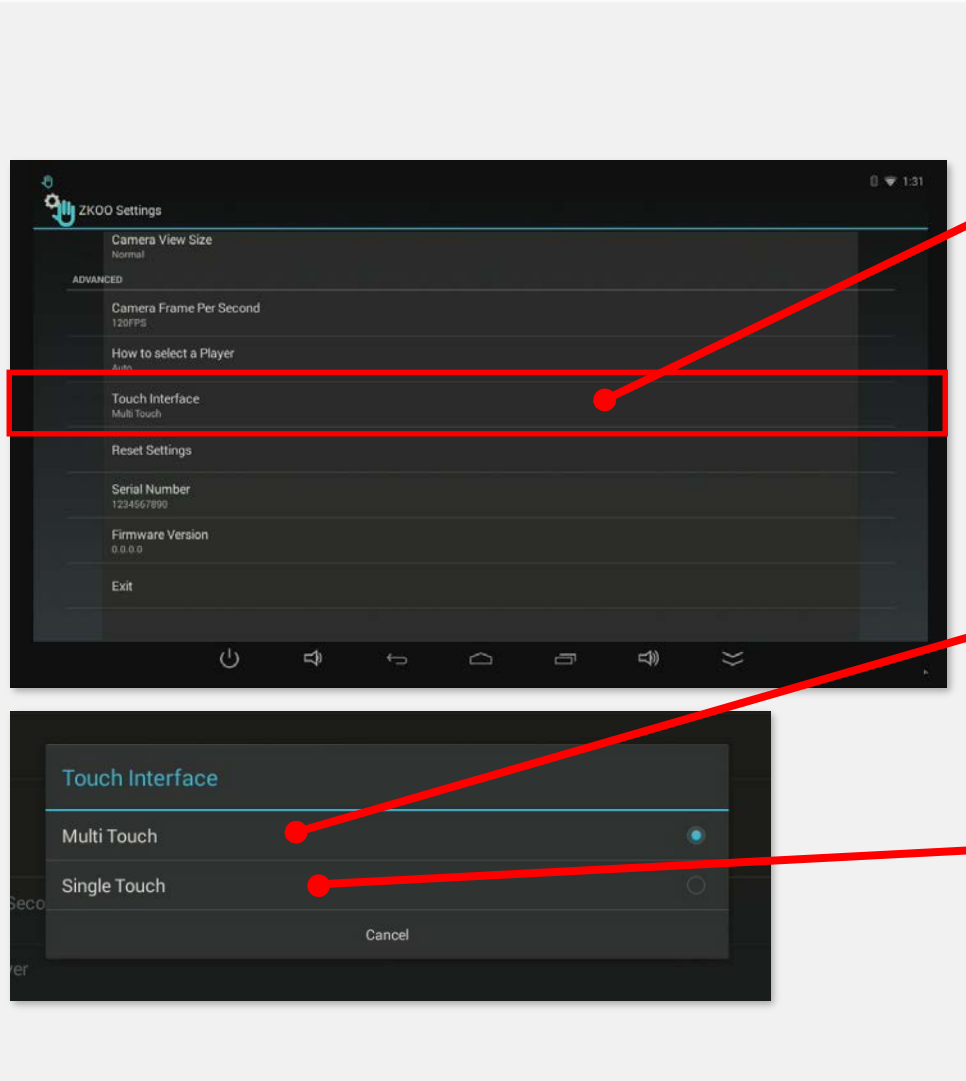
-09 _ 5

-10 _ 6

5. Exit

Advanced

04



Touch Interface

Choose between Multi-Touch or Single-Touch.

On devices that are not fully supported, Single-Touch should be selected by default.

If your device has trouble working with ZKOO, try changing the mode to Single-Touch.

To apply any changes, exit and restart the ZKOO application.

Multi Touch

When selected, both hands can be used to control two gesture cursors on the screen.

Single Touch

Select this mode when you have issues with Multi-Touch or you want to limit gesture control to one hand.

4. Settings Menu Details

1. Start

2. Camera View

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4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

-09 _ 5

-10 _ 6

5. Exit

Advanced

05

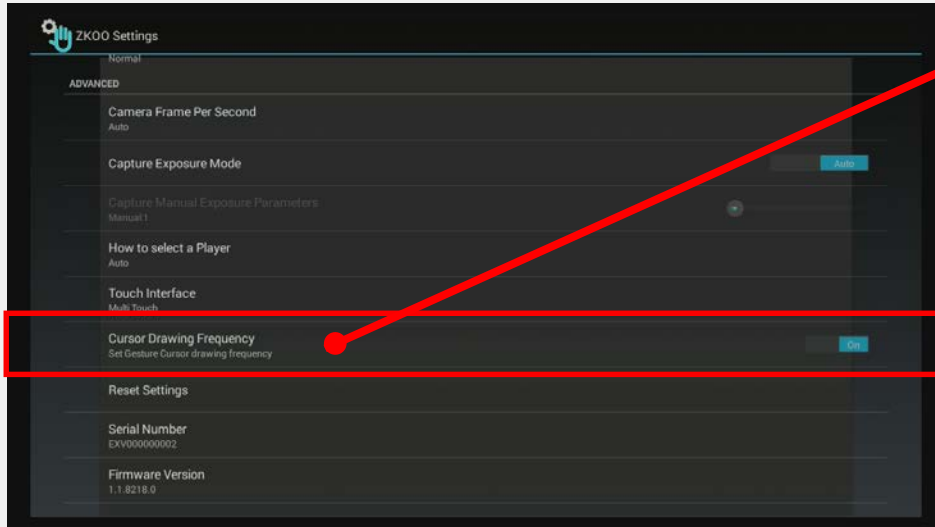
Cursor Drawing Frequency

ON(Normal)

Adjust the cursor drawing frequency.
ON(Normal) is selected by default.

OFF (Slow)

When OFF (Slow) is selected, the cursor drawing frequency is reduced by one-half. Use this setting for low CPU power devices causing sluggish gesture cursors.



4. Settings Menu Details

1. Start

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4. Settings Menu Details

-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

-07 _ 3

-08 _ 4

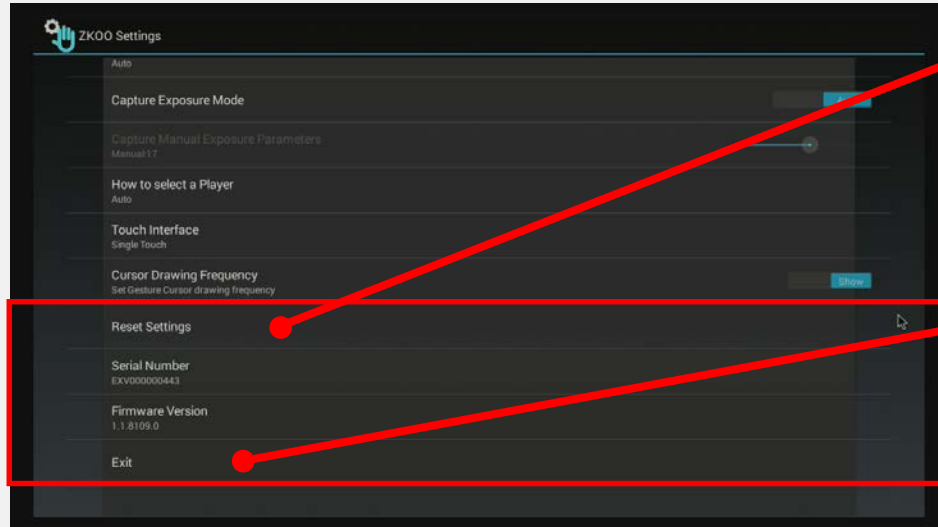
-09 _ 5

-10 _ 6

5. Exit

Advanced

06



Reset Settings

Resets all settings to their defaults.

Exit

Exits the ZKOO application.

5. Exit

1. Start

2. Camera View

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-01 _Basic 1

-02 _Camera View 1

-03 _ 2

-04 _ 3

-05 _Advanced 1

-06 _ 2

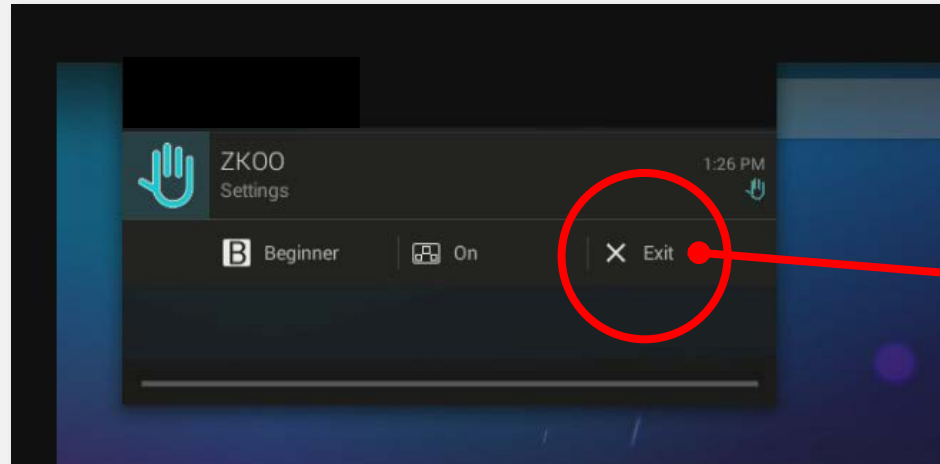
-07 _ 3

-08 _ 4

-09 _ 5

-10 _ 6

5. Exit

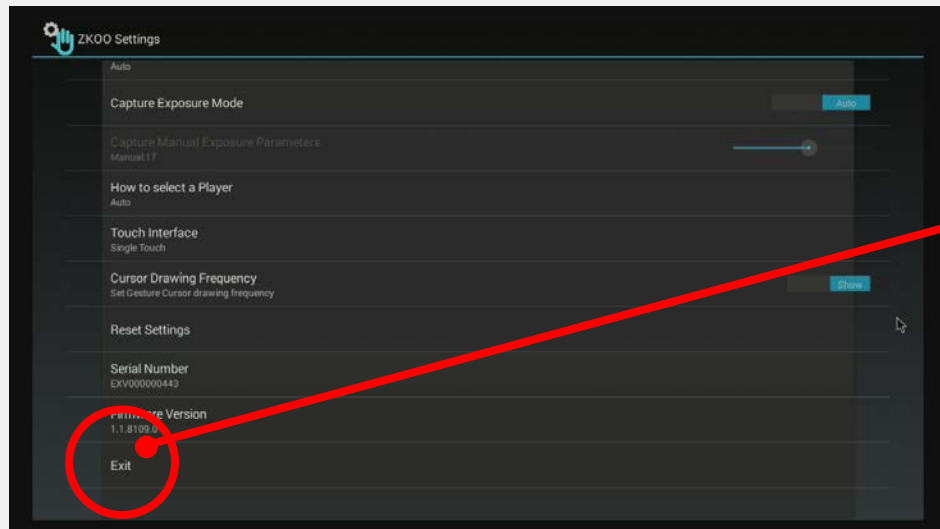


Exiting ZKOO application

There are 2 options to exit ZKOO application.

1. Exit from the Notifications bar

Exit from ZKOO Icon in the notification bar. Choose Exit to quit the ZKOO application.



2. Exit from the ZKOO Settings

Open ZKOO Settings and select Exit.