



m-View® User Guide Oncall Wi-Fi Pro

ANDROID APP | V.1.0

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About This Document

This document is a detailed user-guide for the m-View Oncall Wi-Fi Pro Camera. An understanding of the m-View Platform and its products is required prior to reading this user-guide. For descriptions of the m-View Platform and products please refer to [m-View Platform Product Description.pdf](#)

Glossary Of Terms

The following terms and abbreviations are used throughout this document:

OWP	Oncall Wi-Fi Pro Camera
FWP	Fire Cam Wi-Fi Pro Camera
OCM	Oncall Camera Manager. Windows software used to control camera settings and manage recorded media files
OMA	Oncall Mobile Application. Mobile App for iOS or Android used to control BWV cameras via a smartphone and control live video streaming and upload of recorded files to m-View Server
BWV	Body Worn Video (camera)
Broadcaster	A user who sends a live media stream to the server that can be viewed by one or many users in real-time
m-View Server	The server backend of the m-View Platform
Web-Portal	The front-end website that is the user-interface of the m-View Platform
Wi-Fi AP/Hotspot	Both refer to the Wi-Fi Access Point as transmitted by a mobile phone

ONCALL WI-FI PRO CAMERA



Features of the Oncall Wi-Fi Pro

- | | |
|--------------------------|---------------------------------------|
| 1. Power Button | 11. Video Record Button |
| 2. Lens Cover | 12. Photo button |
| 3. IR/White Light Button | 13. Audio-only/Photo indicator |
| 4. White Light LED | 14. Audio-only Record button |
| 5. IR LED | 15. Power indicator |
| 6. Wi-Fi Radio Button | 16. Video recording indicator |
| 7. Battery | 17. Battery charging indicator |
| 8. HDMI Port (Not Used) | 18. White Light/IR LED mode indicator |
| 9. USB Port Cover | 19. Wi-Fi indicator |
| 10. Battery Release Clip | |

WEARING THE ONCALL WI-FI PRO CAMERA



Wearing the camera

The mounting clip supplied with the camera can be rotated 360° to allow mounting on a variety of garments.

It is recommended that the camera is mounted upright for best recording result.



Removing the Mounting Clip

With the back of the camera facing you, rotate the clip clockwise so that the middle of the top of the clip (the widest end) is lined up with the top-right corner of the camera.

Slide the clip downwards in a straight line from the top-right to the bottom left corner of the camera. The clip should slide off its mounting stud.

To replace or swap the clip with a different sized clip, simply line up the hole in the back of the new clip against the mounting stud and reverse the movements described above. Push the clip onto the stud until it stops to ensure it is securely mounted.



Changing Batteries

- Push the battery release clip downwards.
- Slide the battery out
- Slide the new battery in
- Push the battery release clip upwards to lock the battery in place.

CHARGING THE BATTERY



Charging the Battery

- Open the USB Port cover.
- Using the supplied USB cable connect the camera to either your PC's USB port or the supplied USB Wall Charger.
- The camera's battery charging indicator will illuminate. The camera will automatically cut-off the charging once full.

NOTE: Use only the supplied power supply and cable. Using a non-approved power supply or cable may damage the Oncall Camera and void the manufacturer's warranty.



Docking Station

The docking station is a high-speed charger with two charging slots for Oncall camera batteries. Standard size and XL batteries can both be charged.

The battery can be charged while connected to the camera or separate from the camera as pictured.

Best practice is to dock the camera and battery while you are downloading files to the PC via USB cable.

To dock the camera / battery:

- First, connect the dock to power using the supplied power supply and USB cable
- Ensure the charging connector on the base of the battery is aligned with the connector in the bottom of the slot.
- Press the camera/battery down until it clicks into place.

The dock will automatically stop charging when the battery is fully charged.

NOTE: use only the supplied power supply and cable. Using a non-approved power supply or cable may damage the charging dock and/or the Oncall Camera and void the manufacturer's warranty.



GETTING STARTED



Powering the Camera on and off

Power the camera on by pressing the Power Button once. After a brief pause the camera will turn on with a beep, vibrate, and the power indicator light will turn green.

To Power off the camera press and hold the power button for 3 seconds.



Recording Video

Press Video Record button once to start recording.

Video Recording on is indicated by:

- Video indicator light will flash red
- A single beep
- One long vibration

To stop video recording:

Press and hold video button for 3 seconds.

Video Recording stopped is indicated by:

- Indicator light stops flashing
- 2 short beeps
- 2 short vibrations

Pre-Recording Mode

If Pre-Recording mode is activated the camera will continuously record while powered on. When the Video Record button is pressed, the 3 minutes prior to the button press will be captured **without audio**.



Taking a Photo

Press Photo button once to take a Photo.

Photo taken is indicated by:

- Audio-only/Photo indicator light flashes once
- Single beep
- Long vibration



Take an audio only recording

Press Audio Record Button.

Audio-only recording is indicated by:

- Flashing Audio/photo indicator
- Single beep
- Long vibrate

Press Audio Record Button again to stop.

Audio recording stopped is indicated by:

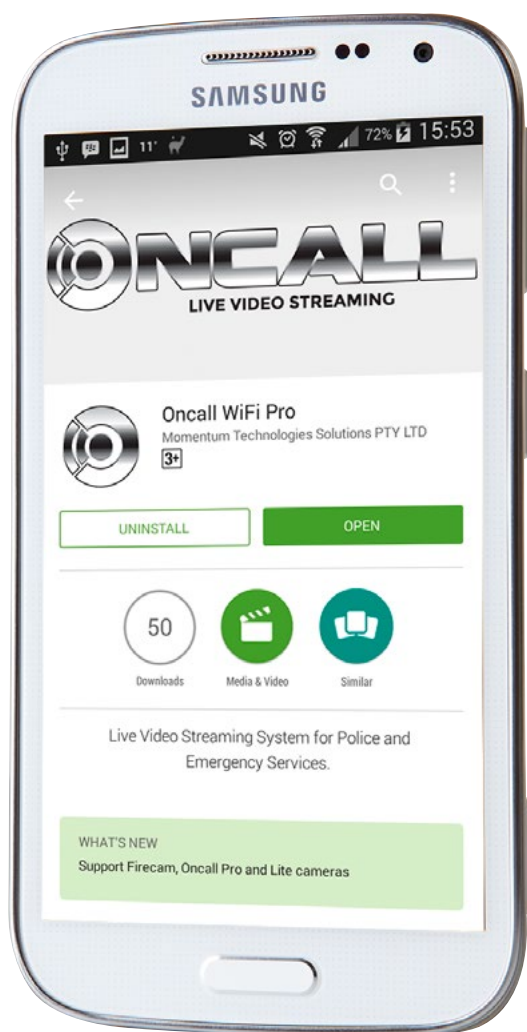
- Audio/photo indicator stops flashing
- 2 short beeps
- 2 short vibrates



Night-Vision Mode

- Press the White light/IR button on the front of the camera
- First press activates white light (top row of forward facing LEDs).
- Second press switches camera to IR mode for night vision.
- The White light/IR Light Indicator on top of the camera will also illuminate while either set of lights is turned on.
- Press again to turn off all lights

SETTING UP THE APP AND CAMERA FOR FIRST TIME USE



The Oncall Mobile Application provides the following functionality when used with the Oncall Wi-Fi Pro Camera:

- Live Video Streaming and GPS tracking
- Live Viewfinder of the camera's field of view
- Management and preview of the recorded files saved on the Oncall camera
- Metadata editing and Upload of recordings to the m-View Server
- Changing settings in the camera

This section can be skipped if the user has received the camera and App already configured. Go straight to [Using the Oncall Mobile App](#).

Downloading the App

Oncall Wi-Fi Pro App (Android) can be downloaded from the Google PlayStore.

If you are an Enterprise customer please see your IT administrator for details on how to access the App and correct settings.

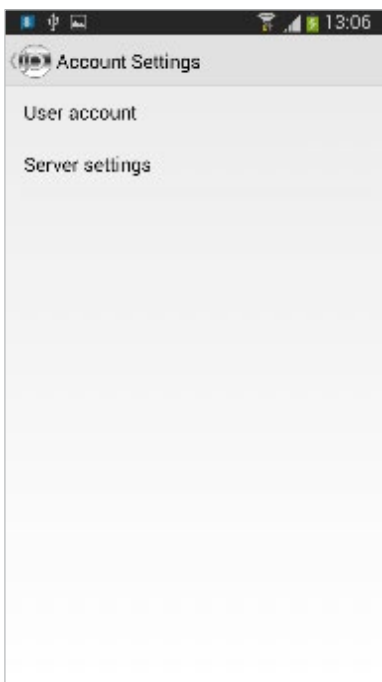
ENTERING USER SETTINGS



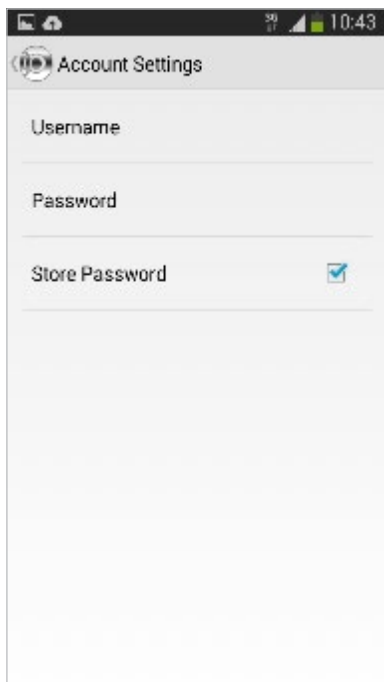
Start the Oncall Android App.

Tap on the menu button on the right top corner on the screen. Then tap on Account settings.

Tap on **External Camera**.

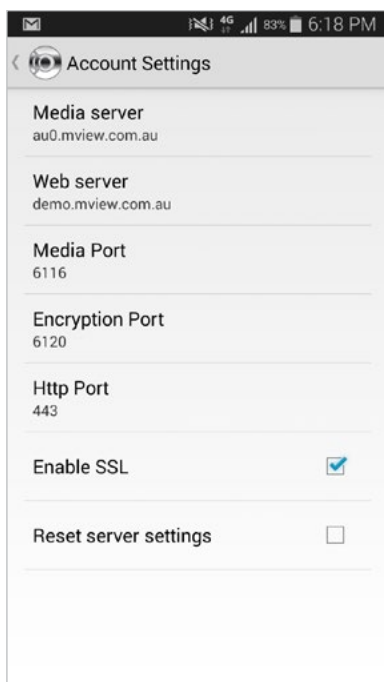


When first installed the App will prompt you for user credentials.



Enter Username

Enter Password



Check Server Details:

Media Server:

Web Server:

Media Port:

Encryption

http port:

Enable SSL:

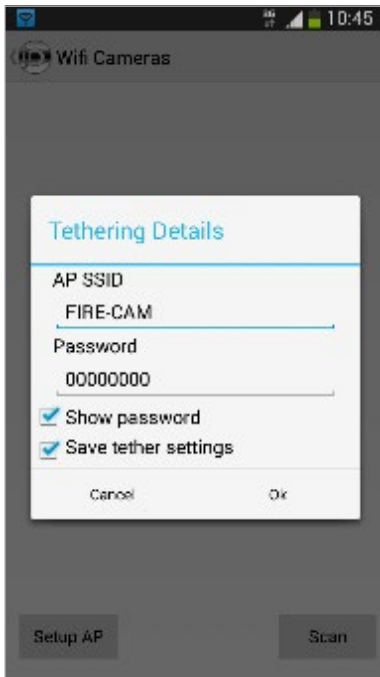
If you are an Enterprise customer please see your IT administrator for details on how to access the App and correct settings.

CONNECTING TO THE ONCALL WI-FI PRO CAMERA



Tap on **External Camera**

TETHERING DETAILS



This dialogue sets up the Wi-Fi AP (access point, or hotspot) that the mobile will transmit for the Oncall Camera to connect to.

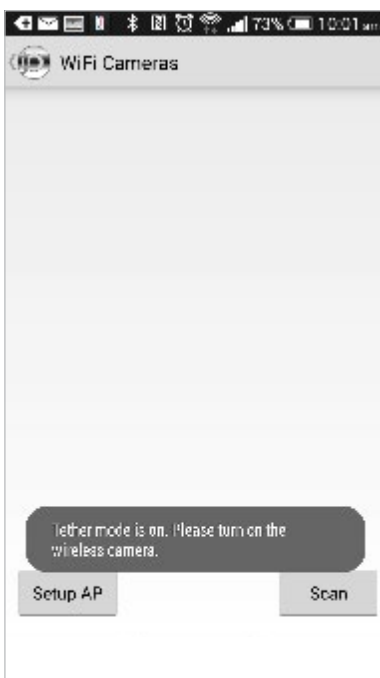
Enter the following details (Default)

AP-SSID: **FIRE-CAM** (Case Sensitive)

Password: **00000000**

Tick 'Show password' to check the password entered is correct.

Tick Save tether settings. Tap OK.



The App will launch the Mobile Phone's Wi-Fi AP and prompt the user to turn on the Wi-Fi on the camera.

START WI-FI ON THE CAMERA



Press Wi-Fi button to activate the Wi-Fi radio.

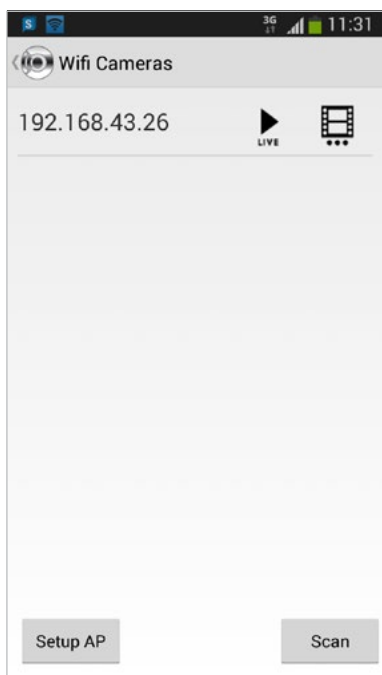
Wi-Fi-on is indicated by:

- Flashing Wi-Fi indicator light (blue)
- Single beep
- Single vibrate

If you are using a smartphone, test that your camera can tether to your mobile device.

First, power on the camera. To tether, start the OnCall App and select external camera. This activates the Wi-Fi mobile Hotspot and you'll be prompted to press the Wi-Fi button.

When the light stops flashing the camera is successfully tethered to Wi-Fi, and will remain on until it is disconnected.



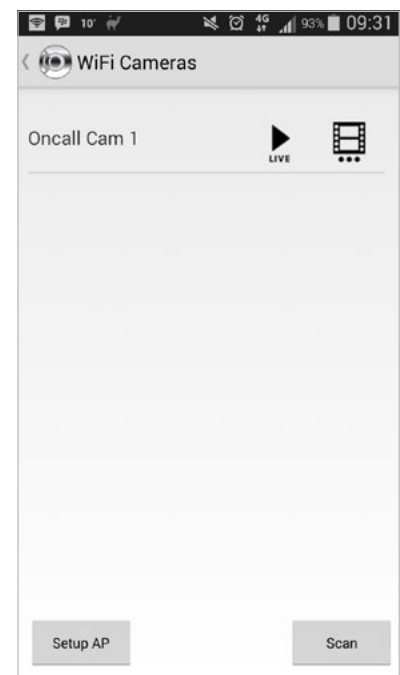
Once connected, the camera will appear as an IP address in the camera list.

Tap the IP address to assign a name to the camera.



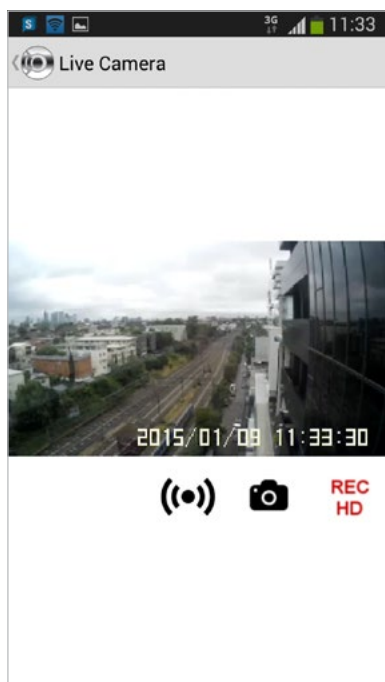
Edit the Camera name field (letters and numbers only, no commas etc). The name you enter will now be displayed in the camera list.

Check the 'Set as default' box if you will predominantly use this camera with this mobile device.



Tap Play icon to connect to the camera's live viewfinder view.

USING THE APP TO CONTROL CAMERA RECORDING



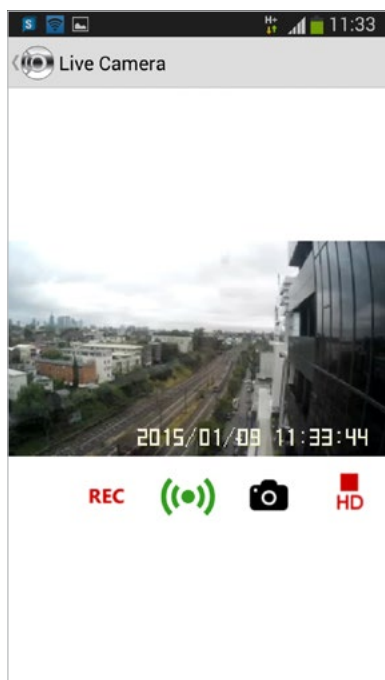
In the viewfinder mode:

REC HD Press Record HD to start Video Recording on the Oncall Wi-Fi Pro (you can also press the button on the camera).

📷 Press Camera to take a photo with the Oncall Wi-Fi Pro. Images are saved to the camera

NOTE: Audio-only recording does not work while Wi-Fi is activated on the camera. It can only be started with the button on the camera when Wi-Fi Radio is turned off.

STARTING A LIVE STREAM/BROADCAST



((•)) Press the broadcast icon to start live streaming/broadcasting to the server.

((•)) The icon will turn green once the stream is established.

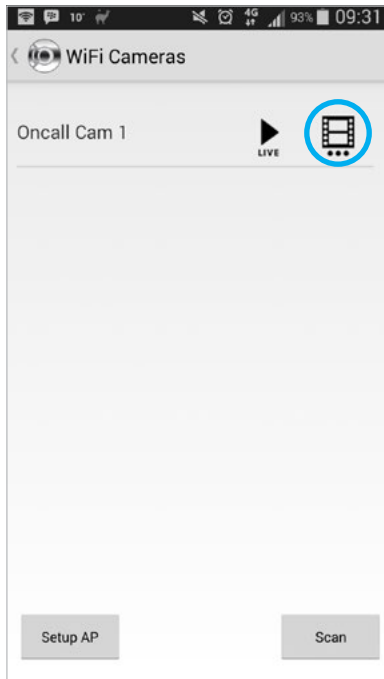
REC Press record to record the live stream at the server.

📷 Press Camera to take a snapshot saved to the camera as well as the server (during the live stream). All live viewers receive the snapshot and they can also take the snapshots themselves.

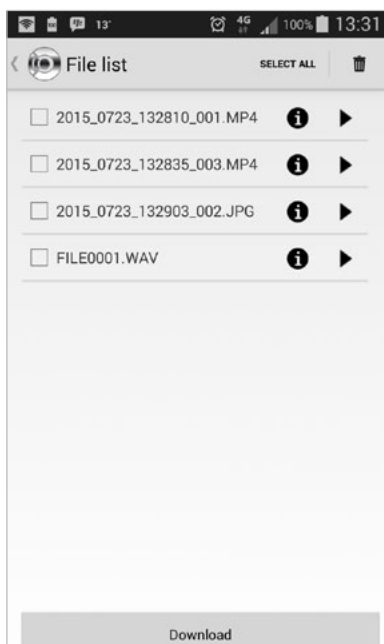
((•)) Press the green broadcast icon to stop the live stream/broadcast

REC HD Local camera recording is always activated during the live stream. To stop the video recording you must stop the live stream.

MANAGING RECORDED FILES



Tap the File List icon to access the files stored on the Oncall camera.



To view/listen to the recorded file

- ▶ Tap the play icon. The media file will be streamed to the mobile device (not stored on the device).

File details

Name: 2015_0716_093407_001.MP4

☐ Mark as Evidence

Description
Disturbance

Location:
central square

Suburb:
MASCOT,NSW,2020

Category:

- ☐ Theft
- ☐ Home Burglary
- ☐ Break and Enter
- ☐ Car Theft
- ☐ Level 3

Cancel Apply

To add metadata to a recorded file



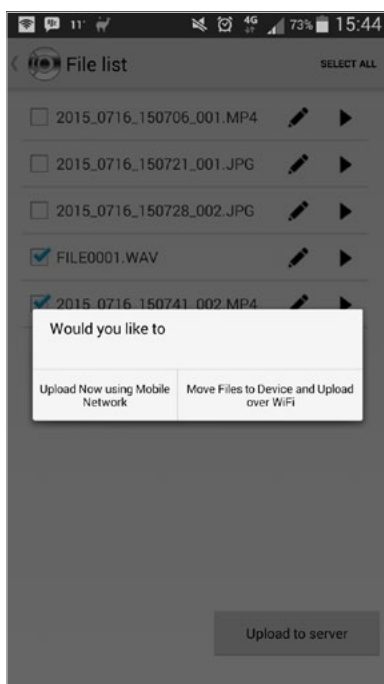
Tap the pencil icon.

Enter text in the available fields.

The Suburb field will look-up the suburb name and postcode as you type.

Depending on your standard operating procedure you can check the **Mark as Evidence** box to make the file searchable when later applying the **is evidence** search filter in a web search.

Tap **Apply** to save the entered data.



To Upload files to the server

Select one or more files using the check boxes on the left or Select All button at top right.

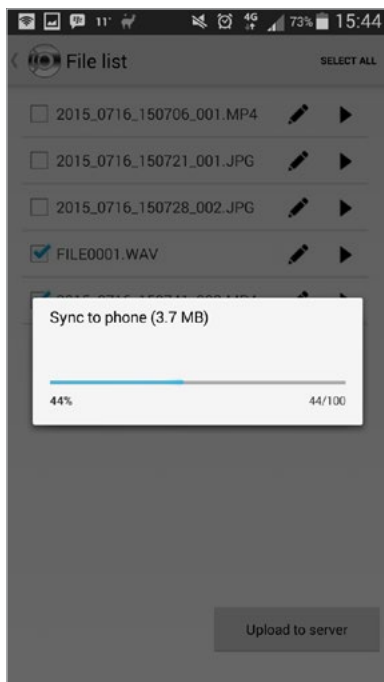
Tap the **Upload to Server** button at bottom right.

You will now be prompted to upload using the mobile network, or move the files to the mobile device to upload over Wi-Fi (to save mobile data).

NOTE: The mobile app upload feature is a convenient way to remove files from the camera to free up storage space while in the field.

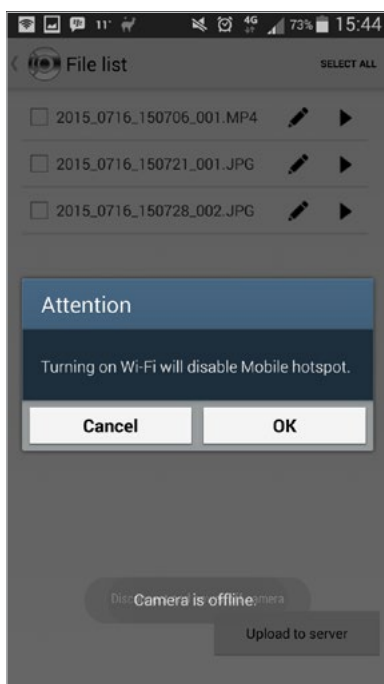
After upload you can add more metadata in the web-portal.

Uploading large video files over mobile network will use a lot of data and take a long time if your connection is poor. Ensure your mobile plan covers this usage, or select to upload over Wi-Fi.



Select either option, then the files will start to sync to the mobile device.

Depending on the file size(s) this may take some time.



If you selected to upload over Wi-Fi the app will prompt you to turn off the phone's Wi-Fi hotspot to turn on the Wi-Fi network connection to allow the files to be uploaded. This will cause the camera to be disconnected.

If you select cancel at this point, the files will be stored on the phone. They will be uploaded the next time you initiate an upload session with the app. Files stored on the phone are encrypted and only accessible by the Oncall Wi-Fi Pro App.

Selecting OK (or choosing the Mobile network upload option) will then initiate the upload to the server over the network.



 Upload Complete

 Upload in progress

The app calculates the total data to upload and displays a progress bar across the bottom of the screen.

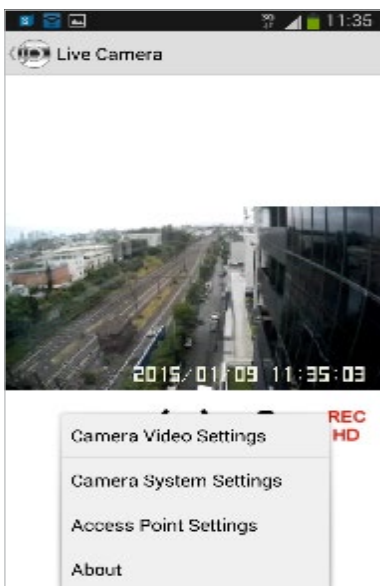
If you exit this screen using back key or home key the upload will continue to run in the background until complete.

CHANGING CAMERA SETTINGS

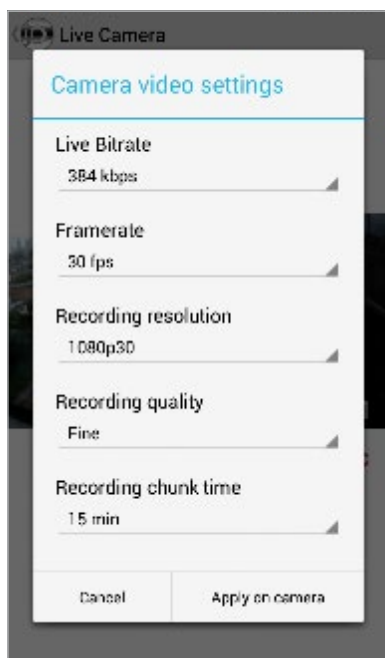


NOTE: To change settings on the camera your user account needs to have the user access right 'Can Configure External Camera'. See your system administrator for further assistance

In the Live Preview view Tap on the Android Menu key (shoulder key on Samsung devices or 3 dot icon on other android devices).



CAMERA VIDEO SETTINGS



Live Bit-rate (for Live Broadcasting), select:

96,128,192,384 kbps

Frame rate (for Live Broadcasting), select:

15, 30 fps

NOTE: 192kbps and 15fps is the recommended setting for mobile network streaming

Video Recording Resolution (to camera SD memory)

WVGA30,WVGA60,720p30,720p60,1080p30

Recording Quality (Local)

Normal, Good, Fine.

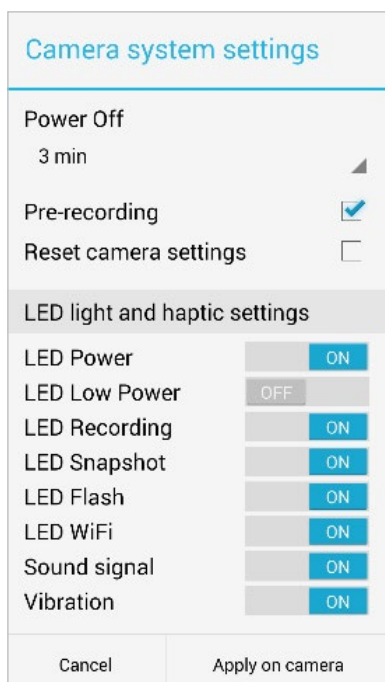
Record Chunk Time (Local)

5,10,15 mins

Apply on camera will apply the change to settings and shut the camera down.

Broadcasting resolution is fixed at 320x180

CAMERA SYSTEM SETTINGS



Power Off. Automatic power off mode when camera not in use:

Off, 3 min, 5 min, 10 min, Now.

Recommended setting is Off for general use.

Pre-Recording

If Pre-Recording mode is activated the camera will continuously record while powered on. When the Video Record button is pressed, the 3 minutes prior to the button press will be captured without audio. The recording file chunk length will now become 3 minutes, overriding the Recording Chunk Time setting.

Reset Camera Settings

Return all settings to factory default

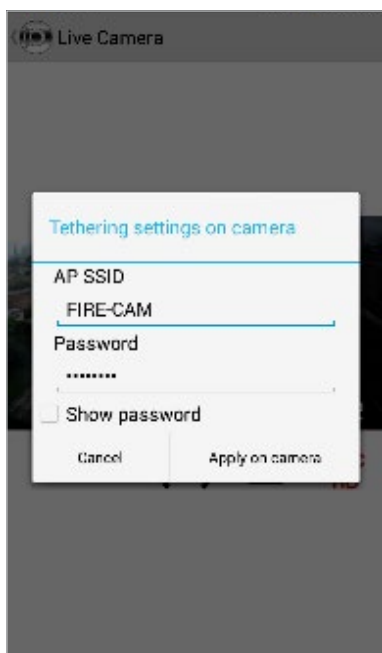
LED Light and Haptic Settings

Toggle on or off all notification lights, sounds, and Haptic feedback (vibration).

Apply on camera will apply the changes to the camera settings and shut the camera down.

When camera restarts the new settings are applied.

ACCESS POINT SETTINGS



This menu allows you to change the Wi-Fi AP settings INSIDE THE CAMERA. This is the SSID and password that the camera will use when you turn on it's Wi-Fi radio. It must correspond to the Wi-Fi AP you set in the mobile App.

- Enter the new AP SSID the camera will respond to
- Enter the new Password for the SSID
- Show Password – Tick to show the entered password

Apply on camera will apply the change to settings and shut the camera down.

For further information, User Guides and
Training Videos visit mview.com.au/support

For technical support please email
support@mview.com.au