

# **DW Spectrum Mobile Client User Manual**

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## 1 Overview

This user manual is intended to assist in the general usage of the DW Spectrum Mobile Client.

Features of the DW Spectrum Mobile Client:

- Connect to Local or Cloud Systems
- View live streams from cameras
- Access layouts created in the Desktop Client
- Search through the recorded archive
- PTZ camera control
- Fish-eye camera dewarping
- Two-way audio
- Soft triggers
- Push notifications

The DW Spectrum Mobile Client has no administrative capabilities. We recommend using the DW Spectrum Desktop Client and referring to the associated in-client user manual to learn about its administrative functionality.

## 2 Requirements

You need to meet the following requirements to use the DW Spectrum Mobile Client to access a System:

- A supported iOS or Android device on a compatible OS version.
- An active System.
- The Server and Mobile Client must be on compatible versions.



**Note:** We recommend always keeping the Server and Mobile Client up to date to maintain compatibility.

- Mobile devices must be able to communicate with the system through one of the following options:
  - Through the LAN as a Local User.
  - Through the WAN/Internet as a Local User with the appropriate firewall settings or port forwarding.
  - Through the cloud connection as a cloud user.

## 3 Connecting to Systems

The DW Spectrum Mobile Client can connect to both Local and Cloud Systems. You can connect to Local Systems that have been automatically discovered on the network or by manually inputting the Server information.

### 3.1 Connecting to a Local System

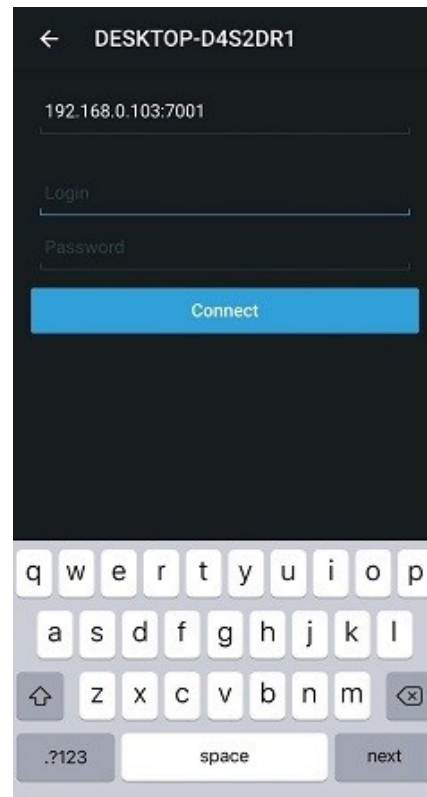
#### Automatically Discovered

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1. Launch the DW Spectrum Mobile Client app to access the Welcome Screen.
2. Tap on the System you want to connect to.



3. Enter your login credentials.  
The Server information will be prefilled.
4. Tap on **Connect** to log in.



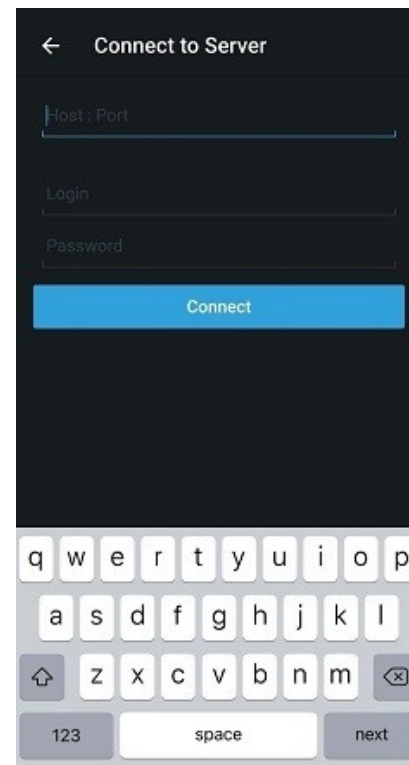
The screenshot shows a mobile application interface for connecting to a system. At the top, there is a back arrow and the text "DESKTOP-D4S2DR1". Below this, there is a text field containing the IP address "192.168.0.103:7001". Underneath the IP field are two more text fields labeled "Login" and "Password". At the bottom of the form is a blue button labeled "Connect". A virtual keyboard is visible at the bottom of the screen, showing keys for letters, space, and navigation.

## Manual Connection

1. Launch the DW Spectrum Mobile Client app to access the Welcome Screen.
2. Tap on **Connect to Another Server**.

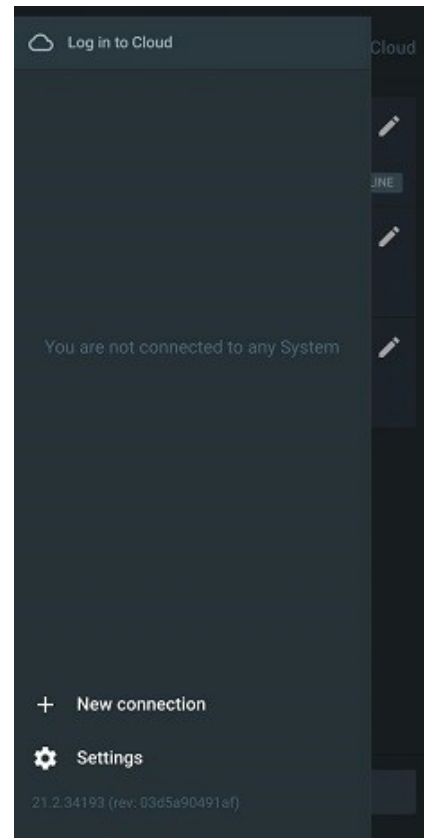


3. Enter the Server's information and your login credentials.
4. Tap on **Connect** to log in.



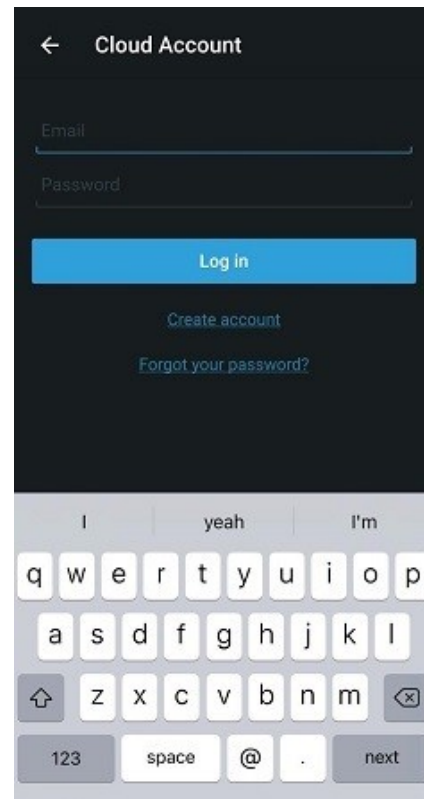
## 3.2 Connecting to a Cloud System

1. Launch the DW Spectrum Mobile Client app to access the Welcome Screen.
2. Open the **Main Menu** to access the side panel.





3. Tap on **Log in to Cloud** and enter your Cloud login credentials.



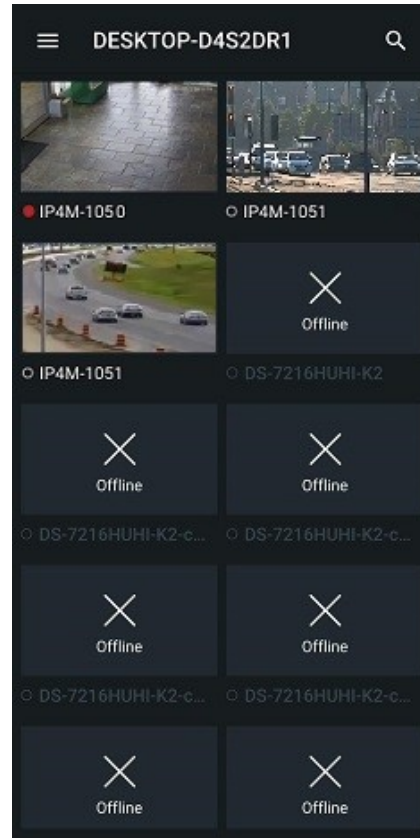
4. You will see the Welcome Screen. Tap on the System you want to connect to.



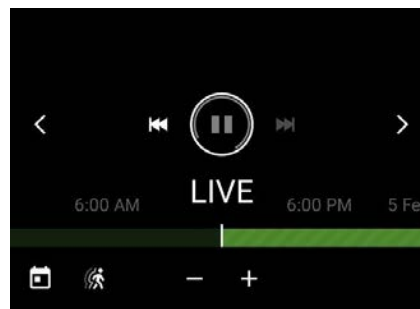
## 4 Viewing Cameras

The *All Cameras* layout on the DW Spectrum Mobile Client is the default screen after connecting to a Server and contains all the cameras on the System.

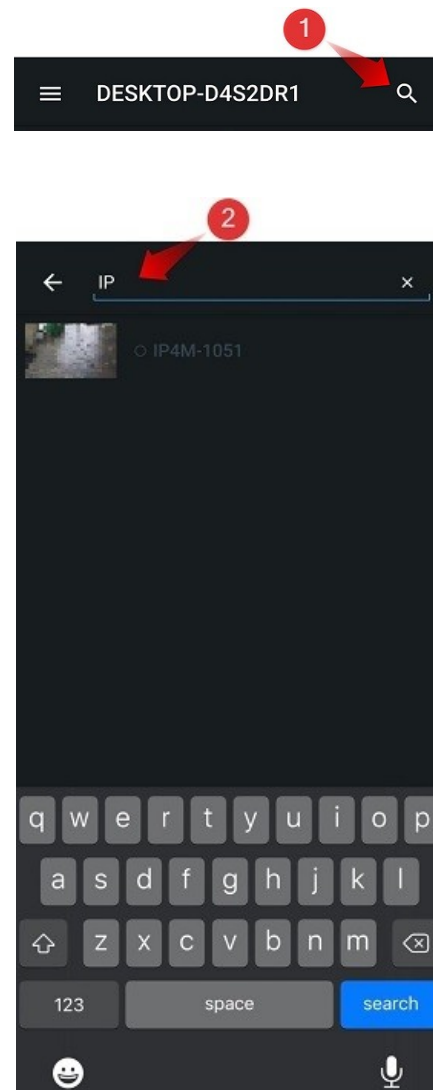
1. Tap on any camera to open its stream.



2. Switch between cameras by swiping to the left or right or tapping on the < or > icons.

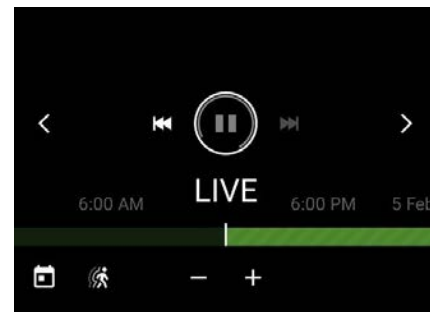


3. If you are looking for a specific camera, use the search field at the top to narrow down the selection that is shown on the primary layout.



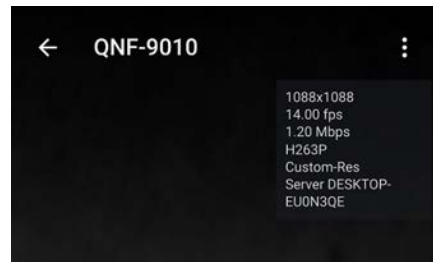
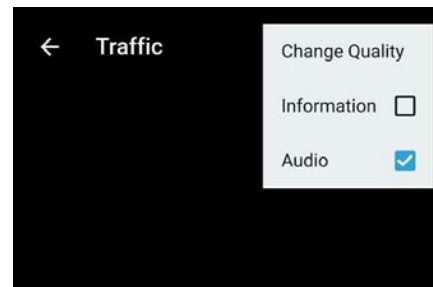
## 4.1 Archive

1. Tap on a camera to open its live stream.
2. If the camera has an archive you can do either of the following:
  - Tap and drag your finger across the timeline to your desired position.
  - Tap the calendar icon and select a date for the archive rewind to.
3. Use the playback controls to play/pause or jump one hour backwards or forwards.
4. Click **LIVE** at the bottom of the screen to return to the live stream.




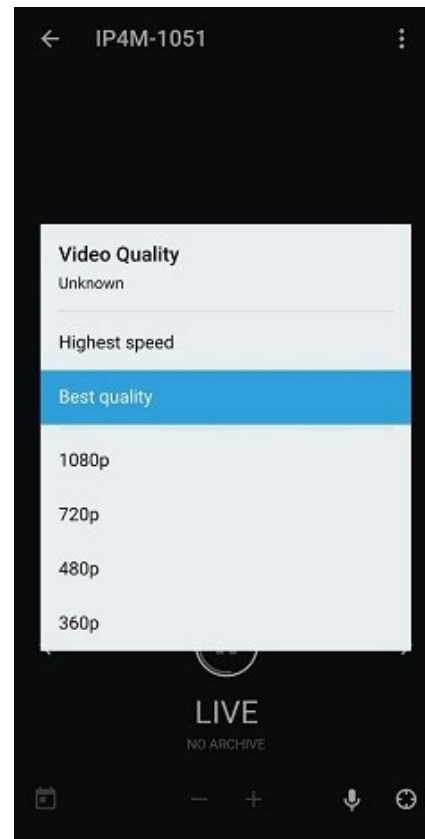
## 4.2 Camera Options

1. Tap on a camera to open its live stream.
2. Tap on the vertical dots at the top right to access the following options:
  - *Change Quality* – Choose between highest speed, best quality, or a custom resolution.
  - *Information* – Enables/disables displaying the camera's resolution, FPS, bandwidth, encoding, stream quality, and parent Server.
  - *Audio* – Enables/disables hearing audio from the camera.



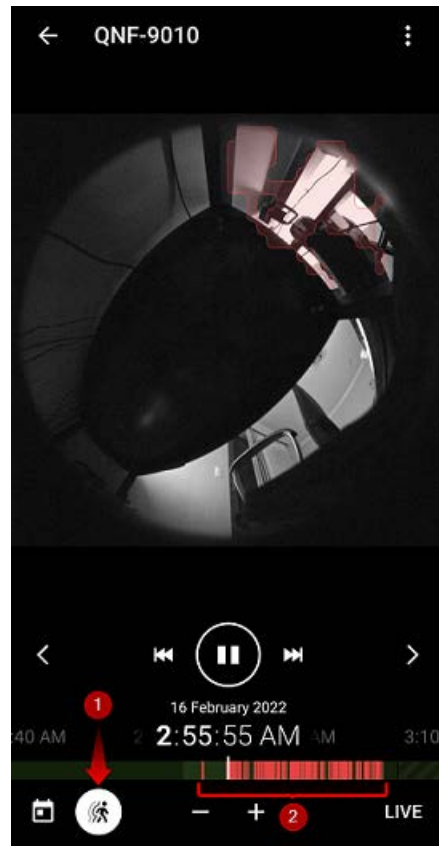
3. If changing the quality of the stream, tap on Change Quality and select from the list of available options (varies between cameras).

 **Note:** ARM-based servers prohibit the use of transcoding and not all option mentioned above are available.



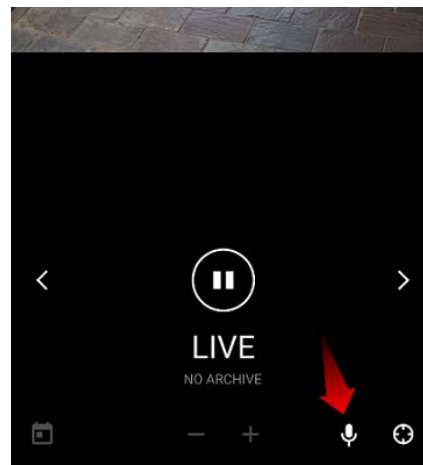
### 4.3 Smart Motion Search

Cameras with motion recording segments in the archive will display a motion icon. Tap the motion icon to see motion data in the archive.



### 4.4 2-way Audio

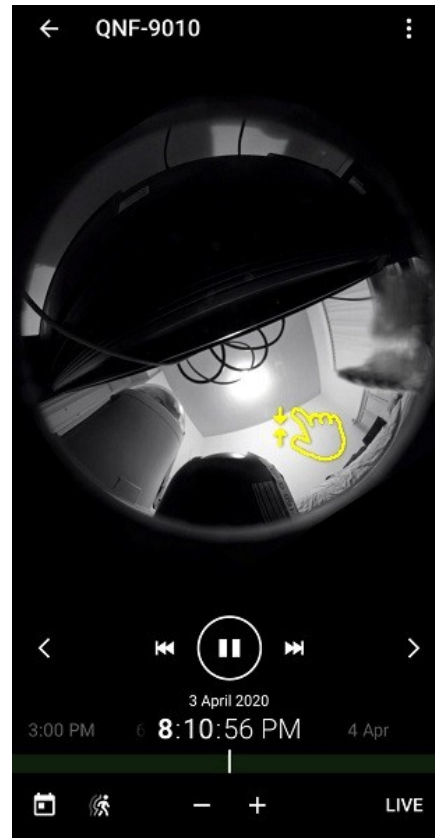
Supported 2-way audio cameras will display a microphone icon. Tap and hold the microphone icon to initiate 2-way audio communication.



## 4.5 Fisheye Dewarping

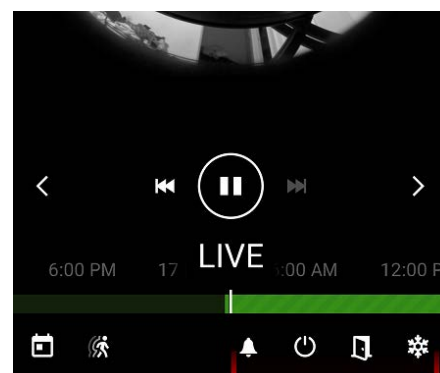
Fisheye cameras can be dewarped via the DW Spectrum Mobile Client, but this setting must be enabled via the Desktop Client.

Open the desired camera and use your finger to move around or pinch to zoom.



## 4.6 Soft Triggers

Soft Triggers must be created on the DW Spectrum Desktop Client but can be activated on enabled cameras by clicking on the bell icon.

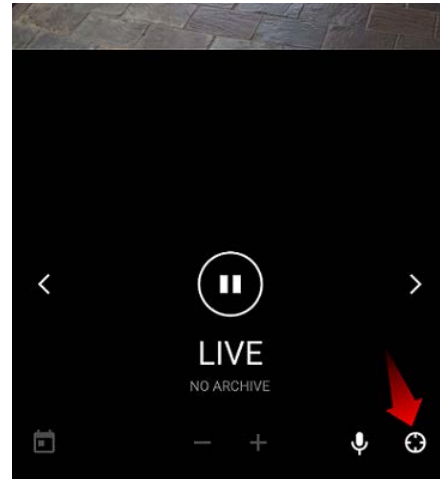




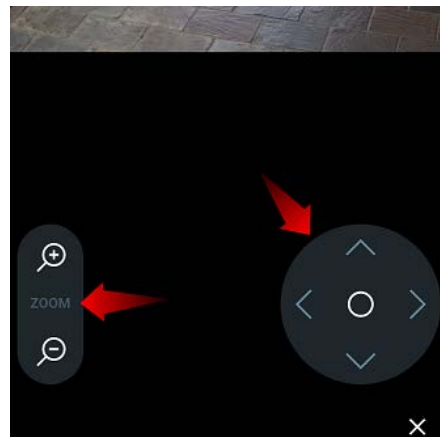
## 4.7 PTZ

Supported PTZ cameras will display a PTZ icon on the bottom right of their view.

1. Tap the PTZ icon to see the PTZ controls.

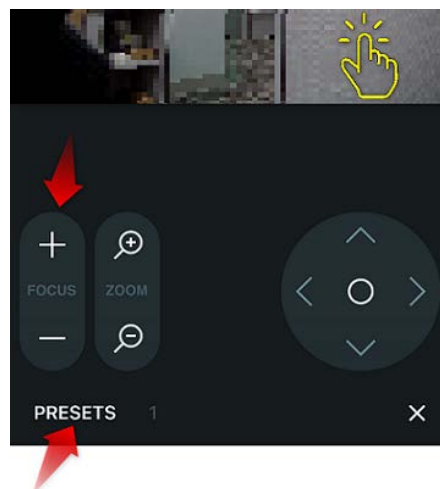


2. Tap on + / - to zoom and tap on the arrows to change direction (or hold and drag the center dot). The dot can also be held and dragged for continuous movement.



3. Cameras with Advanced PTZ functionality may also present additional controls:

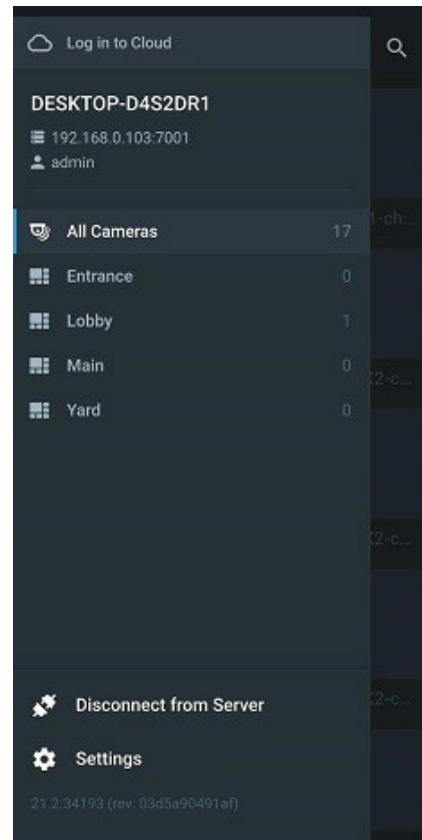
- Tap + / - to adjust camera focus.
- Tap on **PRESETS** to choose from a list of available PTZ presets and execute the selected preset.
- Tap and hold anywhere on the camera stream to re-center the PTZ camera to that location.



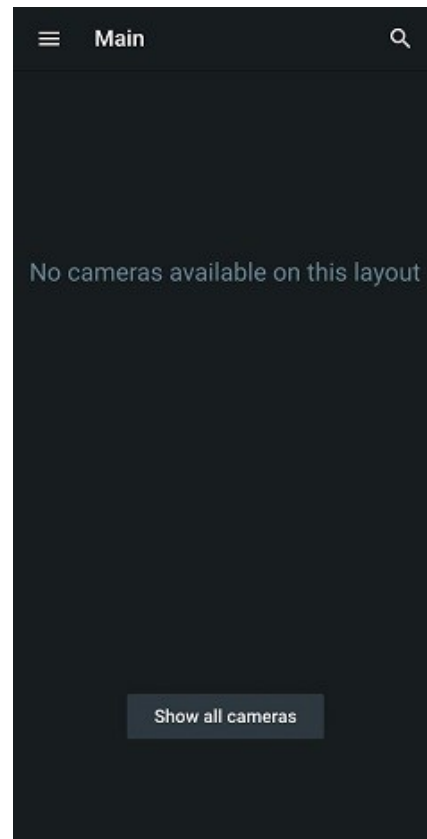
## 5 Viewing Layouts

Only existing layouts can be accessed on the DW Spectrum Mobile Client as new layouts must be created on the DW Spectrum Desktop Client. When Live Previews is enabled, only keyframes from the secondary stream of cameras on the layout are played, so the refresh time depends on the secondary stream and keyframes that camera sends in the secondary stream. I/O module controls are not available in the Mobile Client, but you can configure a Soft Trigger and set I/O output as the action.

1. Open the **Main Menu** to open the side panel and see all accessible layouts.




2. Tap on a layout to view it. If a layout has no cameras, you can tap **Show all cameras** to return to the *All Cameras* layout.

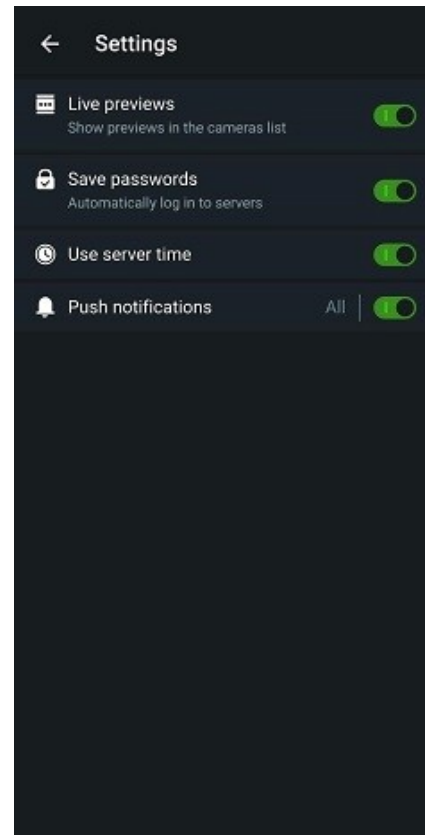


## 6 Client Configuration

The DW Spectrum Mobile Client has the following settings which can be modified from **Main Menu > Settings**:

- *Live Previews* – Displays frequently updated previews for cameras on the layout. If disabled, previews update only once every 5 minutes.
- *Save passwords* – Automatically log in to servers.
- *Use server time* – Use server time instead of client time.
- *Push notifications* – Receive push notifications from events on either *All Systems* or *Selected Systems*. Tap on the text to the left of the switch to configure this setting.

 **Note:** Push notifications are only available on cloud systems while logged in as a cloud user.



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