

Infinova® 2217
Security Management System
Android Smartphone Client 02.00.01

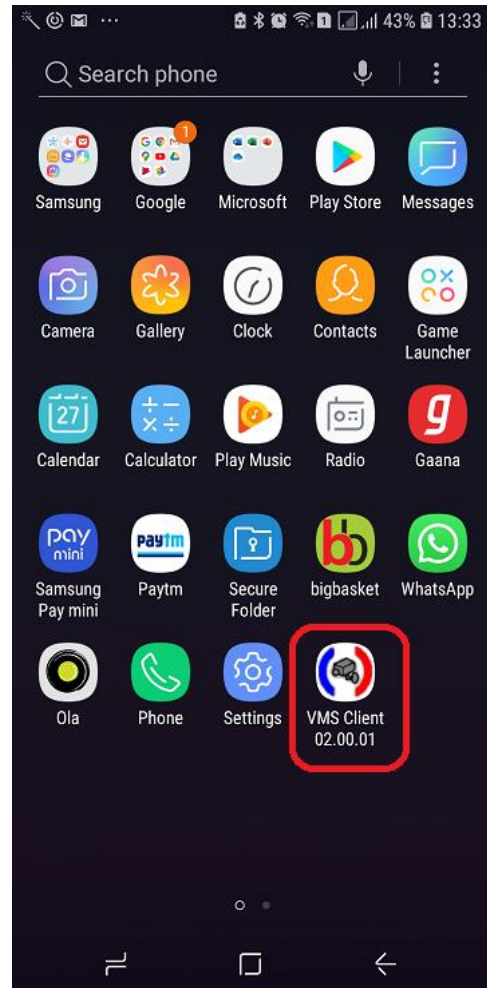
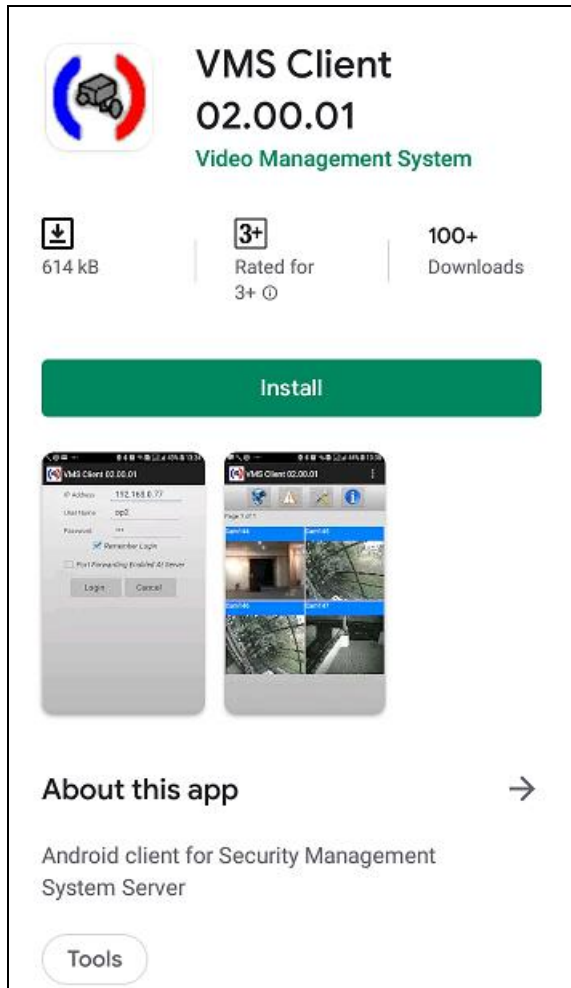
**For Smartphones, PDAs and other hand-held devices which use
Android 4.0 (or higher) Operating System**

User Guide

February 2020

1. Installation

- Go to “Play Store” application on your android smartphone
- Search for “VMS Client 02.00.01”
- Install the application



2. Login

This is the first screen which you will see after running the VMS Client 02.00.01.

Please type the IP address used by the server software. Please refer to the 'Security Management System Server – User Guide' document, 'Quick Start' section for details on how to locate the IP address used by the server software.

Important - Only users with 'Smartphone Client' privilege can login from the VMS client applications. Please refer to the section 'Security Management System Server Software Configuration', available in this document, for steps to add and configure a user with 'Smartphone Client' privilege in the Security Management Server.

Type the valid 'User name' and 'Password'. This should match with the user configured in the server software, and the user should have the 'Smartphone Client' privileges. Please refer to the 'Security Management System Server – User Guide' document, 'Quick Start' section for details on how to configure new 'Smartphone Client' privilege user.

'Remember Login' checkbox remembers the username and password for the subsequent sessions.

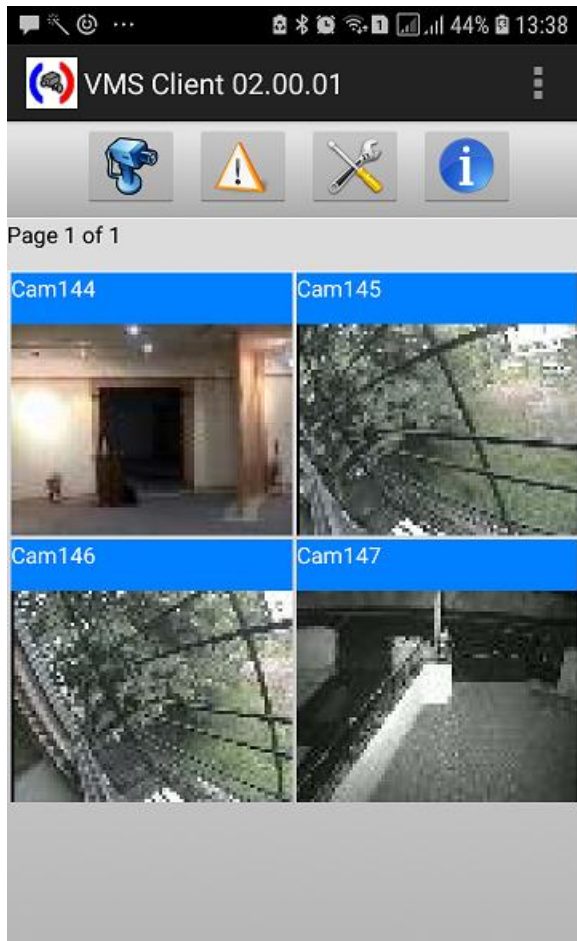
The image shows two screenshots of the VMS Client 02.00.01 interface. The left screenshot shows the login screen with fields for IP Address (192.168.0.77), User Name (op2), and Password (masked with dots). There are checkboxes for 'Remember Login' (checked) and 'Port Forwarding Enabled At Server' (unchecked). 'Login' and 'Cancel' buttons are at the bottom. The right screenshot shows the port configuration screen with 'Port Forwarding Enabled At Server' checked. It lists ports for TCP Port1 (5500), RTSP Port(TCP) (1024), HTTP Port(TCP) (9900), RTP Port(UDP) (20000), and RTCP Port(UDP) (20001). A 'Done' button is at the bottom.

After login, the main application window is displayed which has live video view, alarms view and settings view.



3. Live View

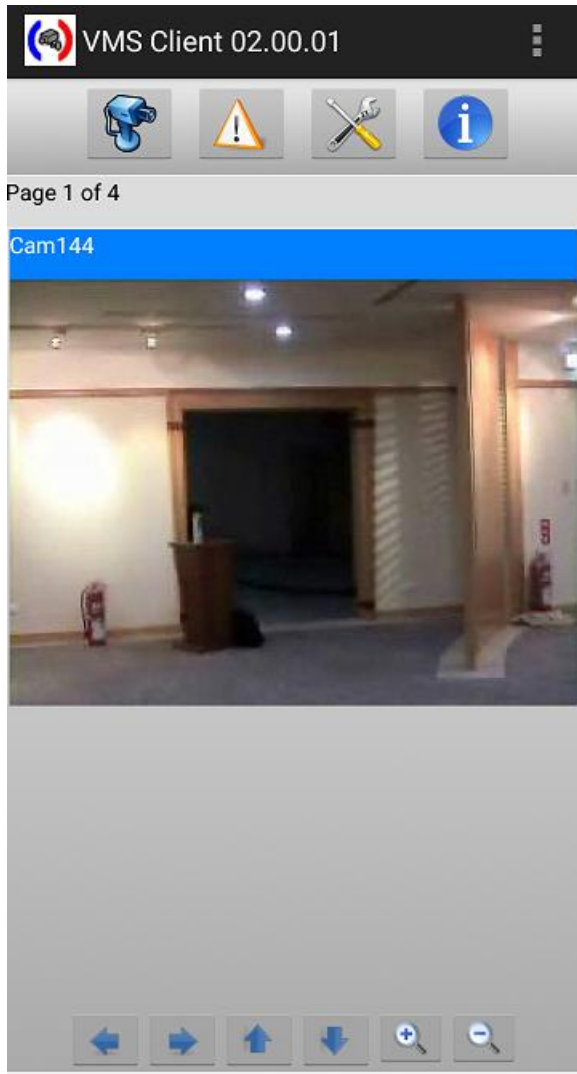
This view displays video streams for all video channels in video groups which have “Smartphone Client” privilege. For more information on how to create camera groups and grant privilege, refer to ‘Section: Security Management System Server Software Configuration’ in this document.



User can navigate through video pages by flipping pages with page swipe gestures.

4. Full Screen View

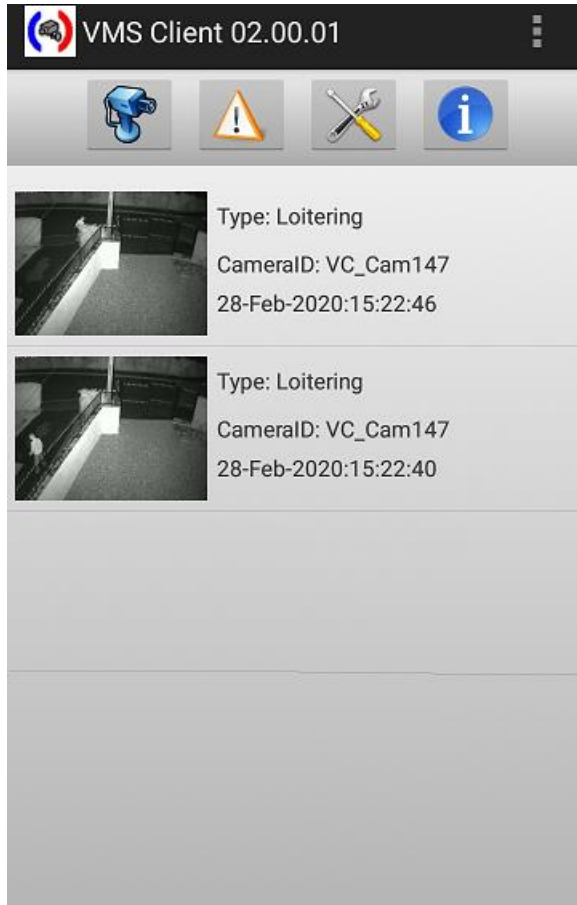
User can tap on one of the videos on live view to see it on full screen. This helps user in viewing video in more detail. User can navigate through video pages by swiping pages with page swipe gestures.



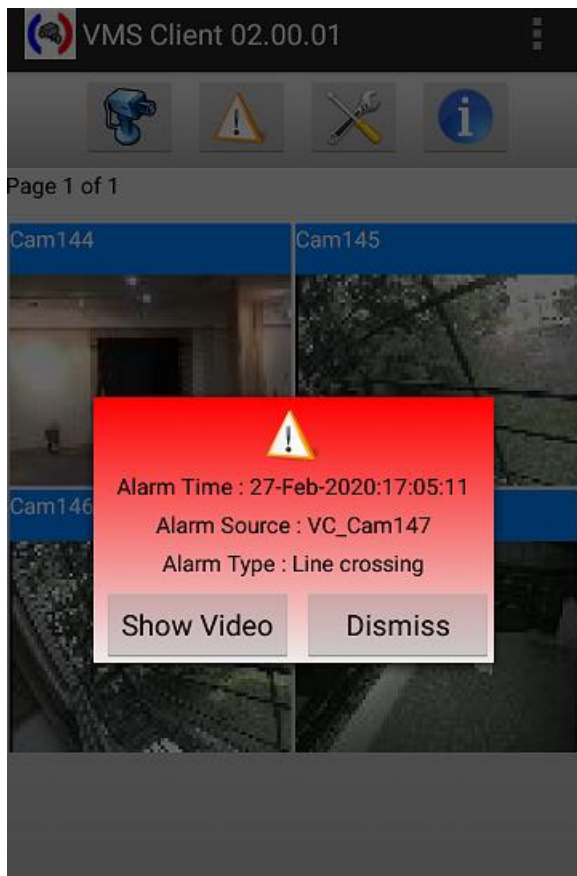
If camera PTZ is enabled in VMS Server, then PTZ buttons are displayed in 1X1 view as shown. User can press the button to pan / tilt/ zoom the camera.

5. Alarms View

Alarms view shows the list of all the alarms that have happened at the server side.



When a new alarm is received, the application shows an alert to user.

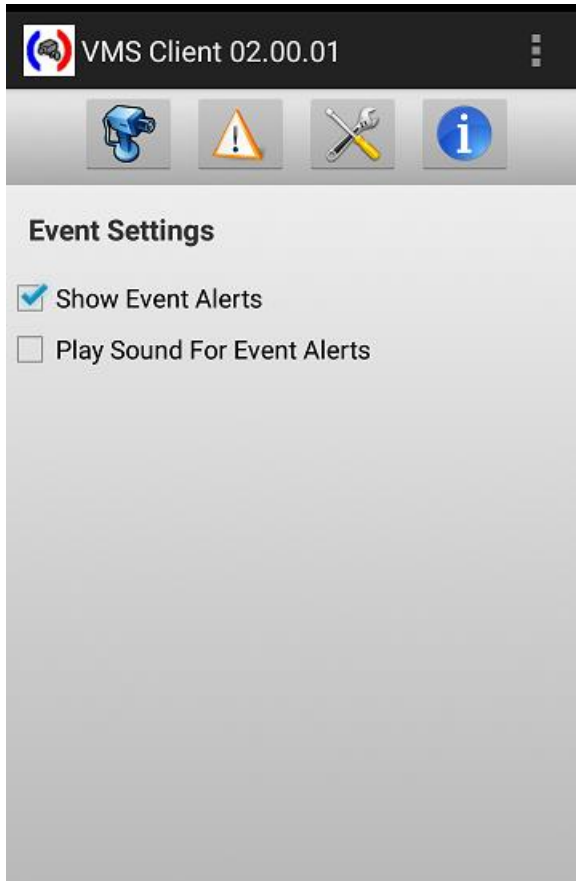


Clicking “Show Video” shows live view for source of alarm

Clicking “Dismiss” closes event alert window.

6. Settings View

Following Events Settings can be done from settings view.



If “Show Event Alerts” is checked, then event alert window is shown when a new alarm is received



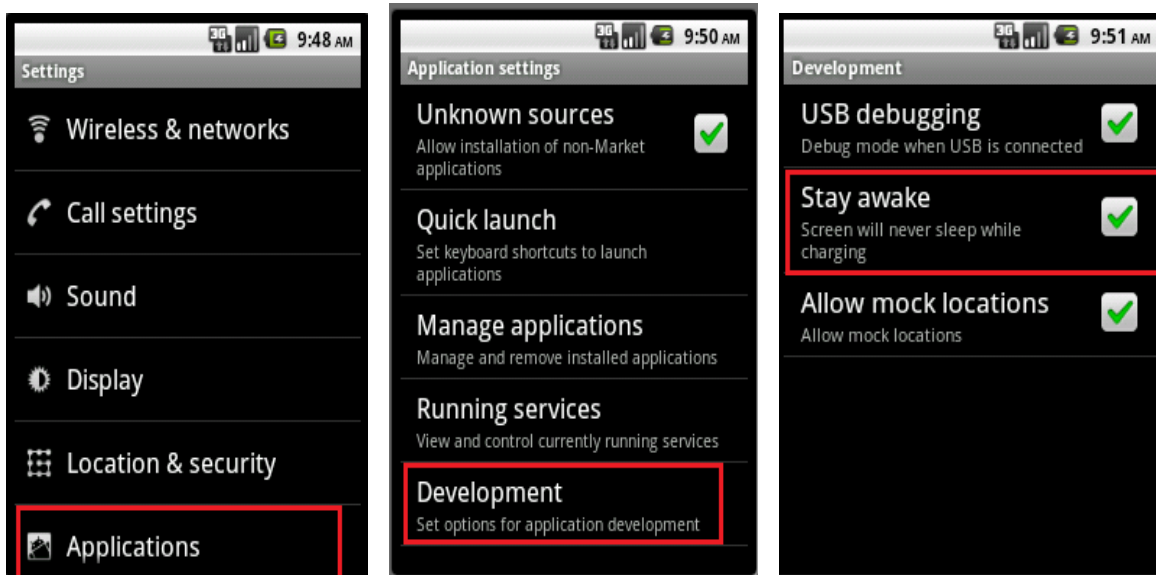
If “Play sound for event alerts” is selected then alert sound is played when a new alarm is received

7. Android phone – Additional Optional Settings

Keep awake setting

By default, Android phone sleeps when there is no activity on screen. This also closes the VMS client. Hence if you want to run the application continuously, you will have to do setting for keeping the Smartphone awake.

Check Settings->Application->Development ->Stay Awake.



8. Security Management System Server Software Configuration

Create a user with Smartphone Client Privilege

- On Security Management System server, go to “Users” section under users and privileges

Site_5.4.13.44

Users and Privileges -> Users

| Sr No. | User Name | Privilege | Enabled | Type |
|--------|-----------|---------------|---------|------------|
| 1 | admin | Administrator | Enabled | In Built |
| 2 | op | testPrev | Enabled | Configured |
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| | | | | |

- Click Add new User

Add New User

User Name: SmartPhoneUser

Password: ••••

Confirm Password: ••••

Privilege: Smartphone Client

Enable user

Address Line 1: Address1

Address Line 2: Address2

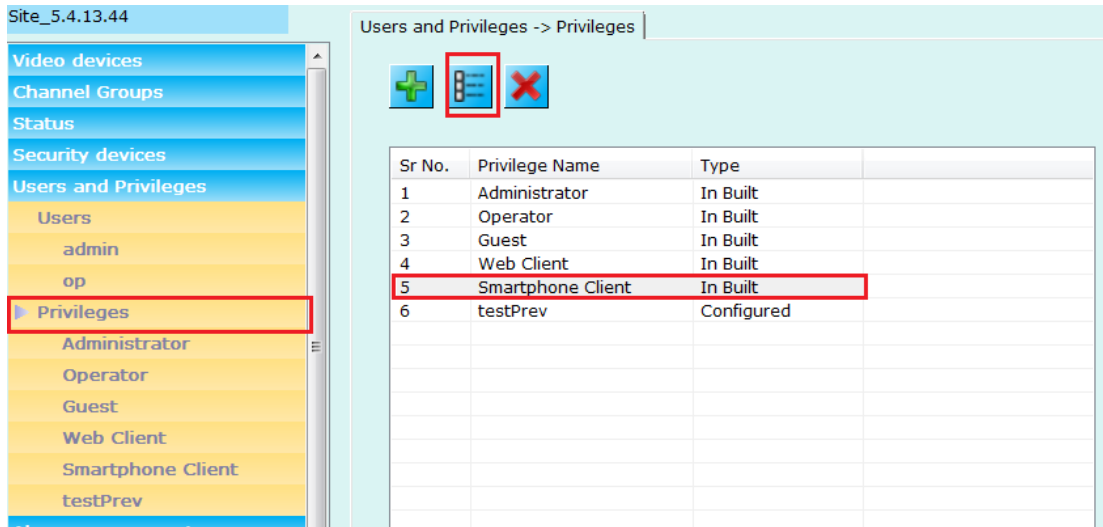
Phone No: 23345566

E-mail ID: smartphoneuser@test.

- Fill in the required information and select the privilege as “Smartphone Client”
- Click OK

Configure Channel groups for “Smartphone Client” privilege

- Click on “Privilege” under users and privileges section



The screenshot shows the 'Users and Privileges -> Privileges' section of the Infinova management interface. The left sidebar contains a tree view with 'Privileges' selected. The main area displays a table of privileges:

| Sr No. | Privilege Name | Type |
|--------|-------------------|------------|
| 1 | Administrator | In Built |
| 2 | Operator | In Built |
| 3 | Guest | In Built |
| 4 | Web Client | In Built |
| 5 | Smartphone Client | In Built |
| 6 | testPrev | Configured |

- Select and edit “Smartphone Client” privilege
- Add required channel groups for this type of privilege

Users and Privileges -> Privileges -> Smartphone Client

Privilege Name:

Privilege Type: In Built

Functions:

| | |
|------------------------------------------------|--------------------------------------------|
| <input type="checkbox"/> Playback view | <input type="checkbox"/> Add sequence |
| <input type="checkbox"/> Alarm search | <input type="checkbox"/> Remove sequence |
| <input checked="" type="checkbox"/> Alarm view | <input type="checkbox"/> Edit sequence |
| <input type="checkbox"/> Change self password | <input type="checkbox"/> Playback controls |
| <input type="checkbox"/> Add video channel | <input type="checkbox"/> Export video |
| <input type="checkbox"/> Remove video channel | <input type="checkbox"/> Network settings |
| <input type="checkbox"/> User management | |
| <input type="checkbox"/> Autostart settings | |
| <input type="checkbox"/> Recording settings | |

Settings can not be changed for the in-built privileges

Channel groups allowed:

| Channel Group |
|---------------|
| CG_Group3 |
| |
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Channel groups not allowed:

| Channel Group |
|----------------|
| CG_AllChannels |
| CG_Group2 |
| CG_Group004 |
| |
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