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## AccelEye Admin Manual

# 1 CONTENTS

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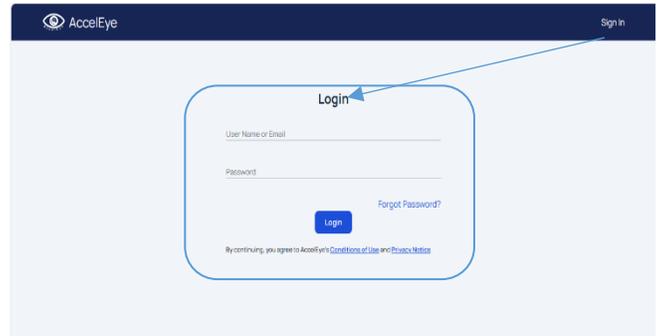
- 2 User Management.....3
  - 2.1 Login .....3
  - 2.2 Forget Password .....3
  - 2.3 Reset Password.....3
  - 2.4 Add User .....4
  - 2.5 User List .....4
- 3 Camera Management and Video Server .....5
  - 3.1 Add Camera .....5
    - 3.1.1 Add Camera By User: .....5
    - 3.1.2 Add Camera From Partners: .....6
  - 3.2 Camera List .....6
    - 3.2.1 Individual Camera Detail .....7
  - 3.3 Add Server .....7
  - 3.4 Notification Receiver .....8
  - 3.5 Monitor Companies Permission .....9
  - 3.6 Subscription .....9
- 4 Dashboard.....10
  - 4.1 Camera View.....10
  - 4.2 Map View.....11
    - 4.2.1 Detected Map (Location) .....4
  - 4.3 Display Settings.....5
    - 4.3.1 Camera Selection for Display .....6
    - 4.3.2 Aspect Ratio for Detection Display .....6
    - 4.3.3 Detection Alarm Configuration .....7
    - 4.3.4 Display Configuration .....7
    - 4.3.5 Send Alert .....8
- 5 Event History and Report .....8
  - 5.1 Event list .....8
  - 5.2 Event Report.....10
- 6.....10

## 2 USER MANAGEMENT

### 2.1 LOGIN

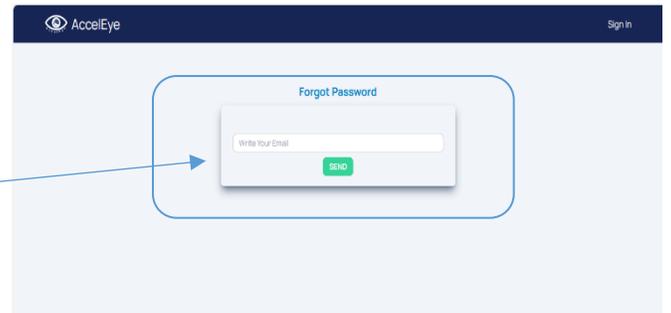
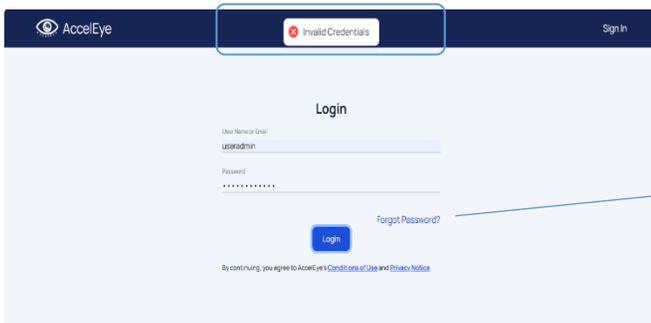
To access AccelEye [dashboard](#) log in to the system, with assigned credential.

Signups are created and managed by the administrators of the institution. Once an individual has their assigned username and password, it can be used to log in to the system. \*



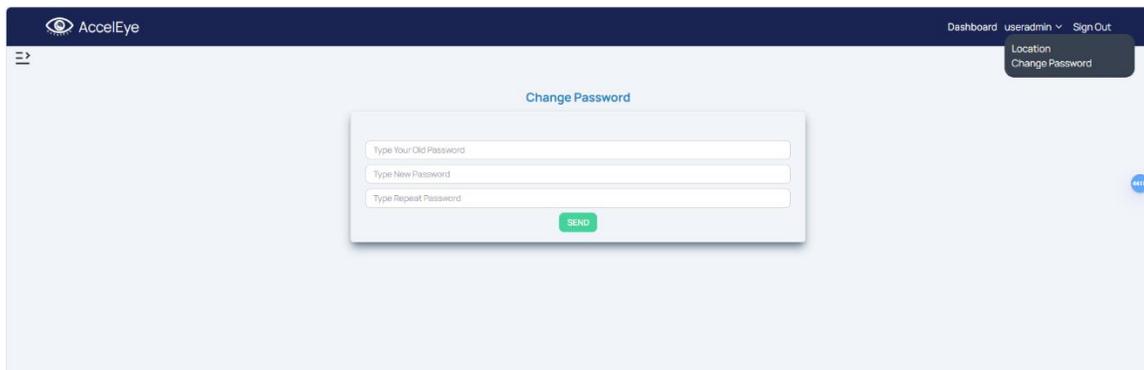
### 2.2 FORGET PASSWORD

Use this window for password renewal, if an user forgot password.



### 2.3 RESET PASSWORD

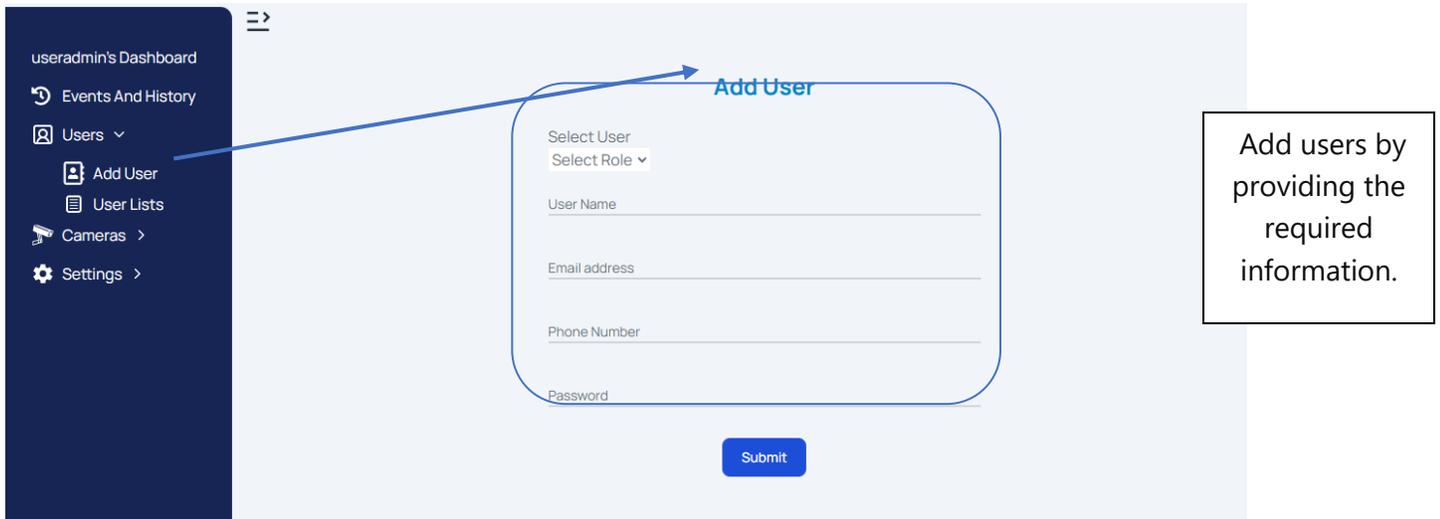
Use this window for password renewal, if user wants to change password.



## 2.4 ADD USER

There are three distinct user roles: admin, staff, and visitor.

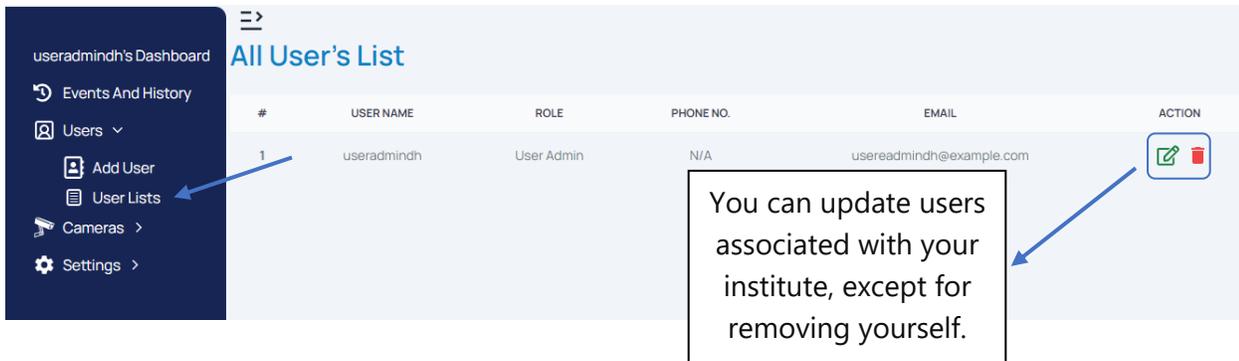
- Each has its own various activities and permissions within the system.



The screenshot shows the 'Add User' form in the useradmin's Dashboard. The form includes fields for 'Select User', 'Select Role', 'User Name', 'Email address', 'Phone Number', and 'Password'. A 'Submit' button is located at the bottom. A callout box on the right states: 'Add users by providing the required information.'

## 2.5 USER LIST

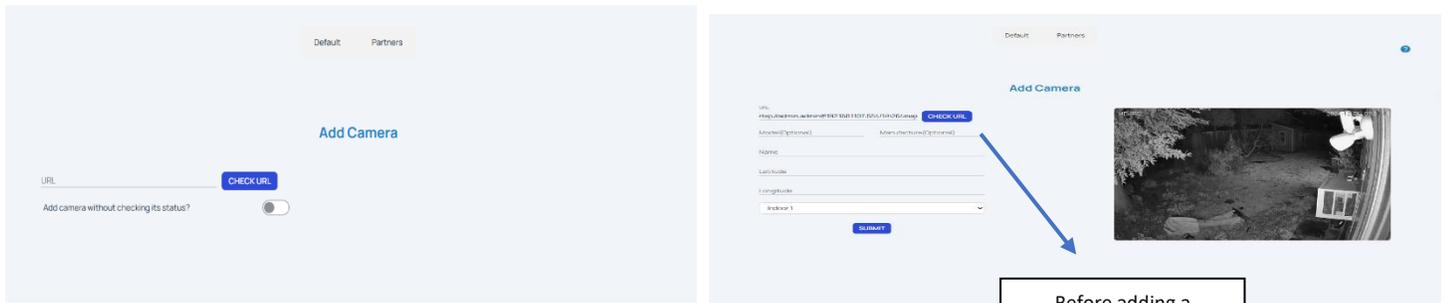
Only the authorized person will have the access to modify and remove each user from the list. However, individuals in the assigned role are unable to modify *ACTION* within the system.



The screenshot shows the 'All User's List' table in the useradmin's Dashboard. The table has columns for '#', 'USER NAME', 'ROLE', 'PHONE NO.', 'EMAIL', and 'ACTION'. A callout box on the right states: 'You can update users associated with your institute, except for removing yourself.'

#	USER NAME	ROLE	PHONE NO.	EMAIL	ACTION
1	useradminhdh	User Admin	N/A	userreadmindh@example.com	

### 3 CAMERA MANAGEMENT AND VIDEO SERVER



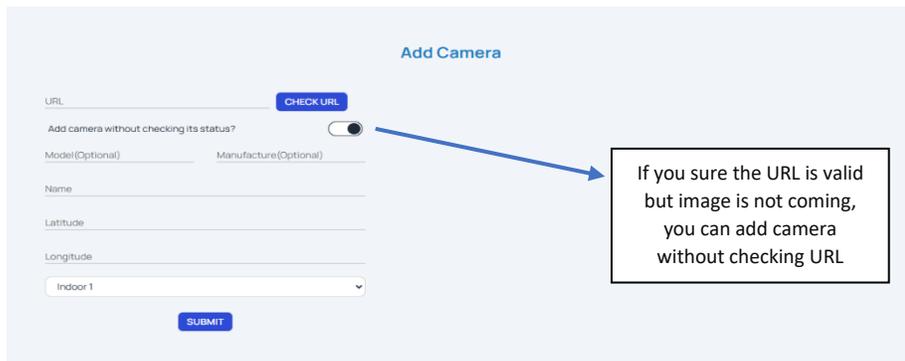
Before adding a camera, you can check if the camera's URL is valid or not.

#### 3.1 ADD CAMERA

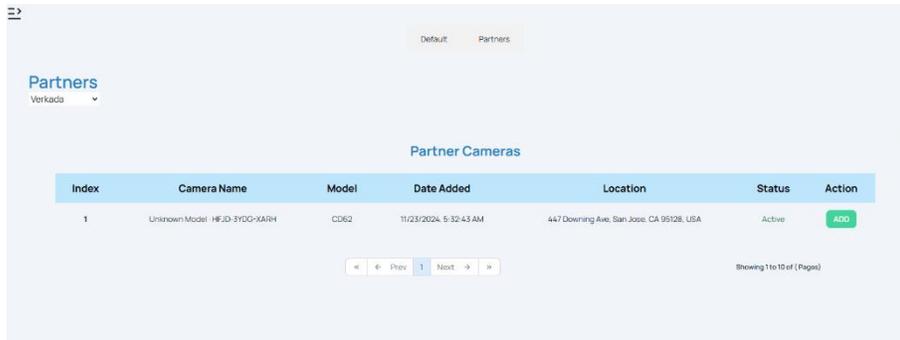
##### 3.1.1 Add Camera By User:

AccelEye system includes a validation check to ensure that the provided camera URL is valid; once the URL has been validated camera can be added to the system without checking its status. Additionally, other specific details such as the camera name, model, type, latitude, and longitude need to be added during the camera addition process.

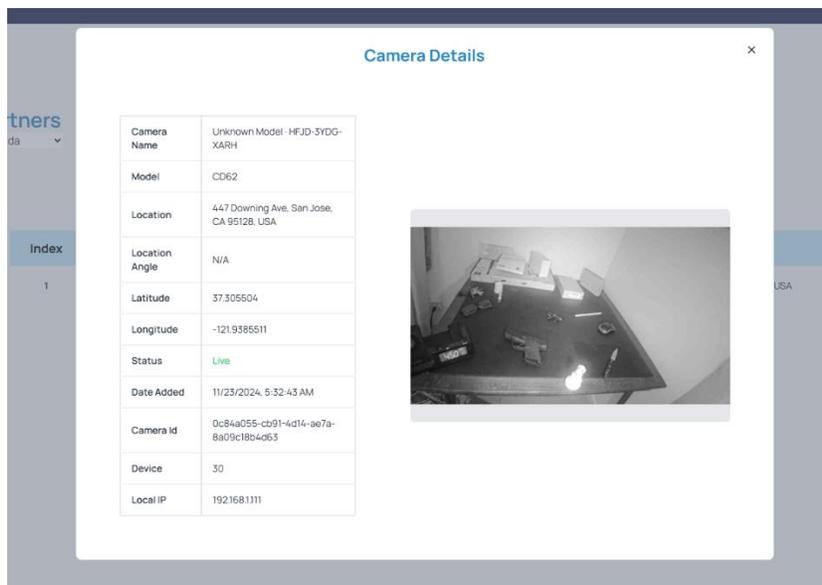
Note: if the URL is invalid, you will be prevented from adding the camera to the system.



In AccelEye system, we utilize latitude and longitude coordinates to accurately track location of events in real-time. This enables precise geolocation-based monitoring and analysis of detected incidents across various locations.



### 3.1.2 Add Camera From Partners: Partner's camera also can be added to access its details.



## 3.2 CAMERA LIST

Authorized users will have complete access to the camera lists in the assigned institution, enabling oversight and management of all camera entries. Cameras can be updated, edited, or removed as necessary to maintain system integrity. Additionally, cameras can be activated or deactivated based on operational requirements.

☰  
All Camera's List

CAMERA URL	CAMERA MODEL	CAMERA MANUFACTURER	CAMERA NAME	LONGITUDE	ACTIVE STATUS	ACTION
n:admin@192.168.1.105:554/1/h264major	HD-IPC	N/A	Cam 1 - Indoor	37.30548704415779	-121.93863455666542	Active
n:admin@192.168.1.107:554/1/h264major	HD-IPC	N/A	Cam 2 - Outdoor	37.3055579082161	-121.93850261225505	Active
stsuser:root@192.168.1.138:80/axis-cgi/jpg/image.cgi?camera=4	HD-IPC - analog	N/A	Cam 3 - Indoor	6990808498	Not Active	Not Active
stsuser:root@192.168.1.138:80/axis-cgi/jpg/image.cgi?camera=1	HD-IPC - analog	N/A	Cam 4 - Indoor	6990808498	Active	Active

Update and remove cameras associated with your institute.

Active & deactivate if needed

### 3.2.1 Individual Camera Detail

User can view the camera details and access the recent camera feed

Camera Details

Camera Url	rtsp://admin:admin@192.168.1.107:554/1/h264major
Server Id	c9515a18-de5d-4dcd-a951-d99a7ddbc446
Camera Location	CAM 1 - OUTDOOR
Latitude	37.3055579082161
Longitude	-121.93850261225505
Threshold	OUTDOOR 7
Camera Status	TRUE
Camera Running Status	TRUE
Server Running Status	TRUE
Camera Manufacture	N/A
Camera Model	HD-IPC



### 3.3 ADD SERVER

AccelEye offers the capability to edit video server ID to accelEye system, providing enhanced functionality. Additionally, the user will have the option to remove the server if necessary, ensuring flexibility to manage the system's resources.

useradmin's Dashboard

- Events And History
- Users >
- Cameras >
  - Add Camera
  - Camera List
- Servers**
- Settings >

### Video server List

Index	Video Server Id	Server No.	IP Address	Status	Action
1	c9515a18-de5d-4dcd-a951-d99a7ddbc446	1	192.168.1.233	InActive	  

If necessary flexibility to edit video server id, remove video server

### 3.4 NOTIFICATION RECEIVER

This feature allows the user to add notification receivers, with the added functionality of editing and deleting them as needed. Which provides the user with flexibility and control over notification settings.

useradminh's Dashboard

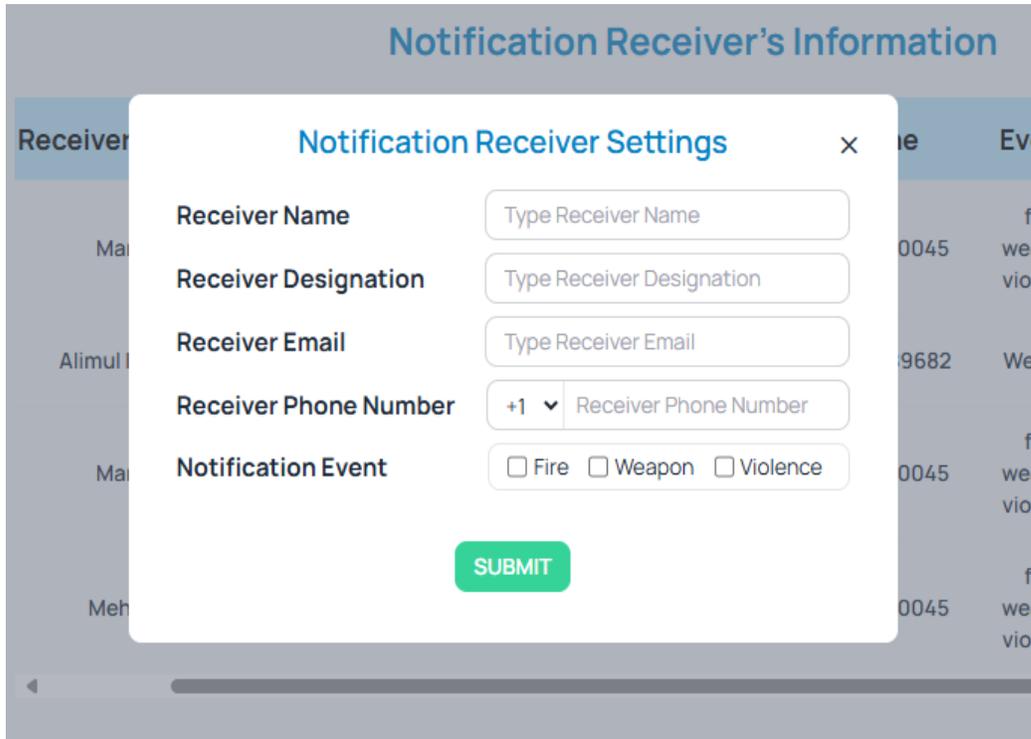
- Events And History
- Users >
- Cameras >
- Settings >
  - Notification Configuration**
  - Servers

### Receivers Informations

Receiver's Name	Designation	Email	Phone	Events	Action
Mehedi	Software Engineer	<input type="text"/>	<input type="text"/>	Weapon	<span>EDIT</span> <span>DELETE</span>
Alimul Hoque	Director	<input type="text"/>	+ <input type="text"/>	Weapon	<span>EDIT</span> <span>DELETE</span>
Marof	Software Engineer	<input type="text"/>	+8 <input type="text"/>	Weapon	<span>EDIT</span> <span>DELETE</span>

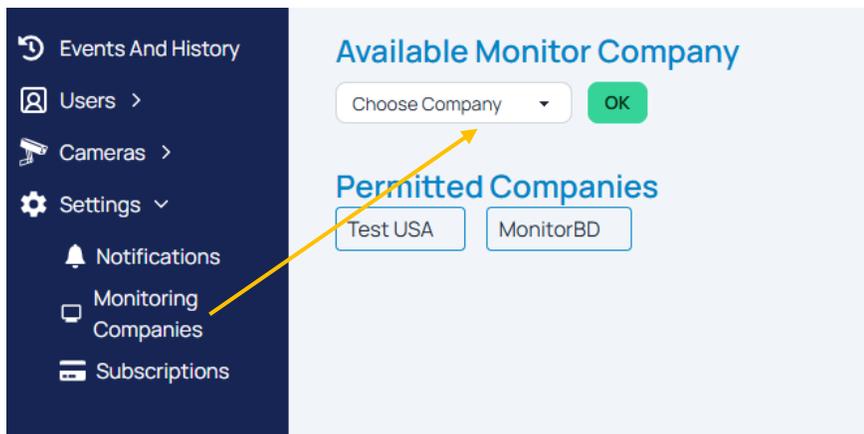
Click here to add notification receiver information

It is necessary to provide all the required information to add receiver details.



### 3.5 MONITOR COMPANIES PERMISSION

AccelEye enables each institute to collaborate with trusted monitoring companies, providing seamless integration of professional monitoring solutions fitted to the company's needs.



### 3.6 SUBSCRIPTION

Users can view the specific detection subscriptions available for their institution.

Users can subscribe to various detection services for the institution, such as gun detection, violence detection, fire detection, and more.

Index	Service Name	Description	Status	Start Date	End Date
1	Gun Detection	Gun Detection	Active	November 26, 2024 at 9:41:55 AM	March 26, 2025 at 9:41:55 AM
2	Violence Detection	violence detection	Inactive	November 26, 2024 at 9:42:27 AM	March 26, 2025 at 9:42:27 AM

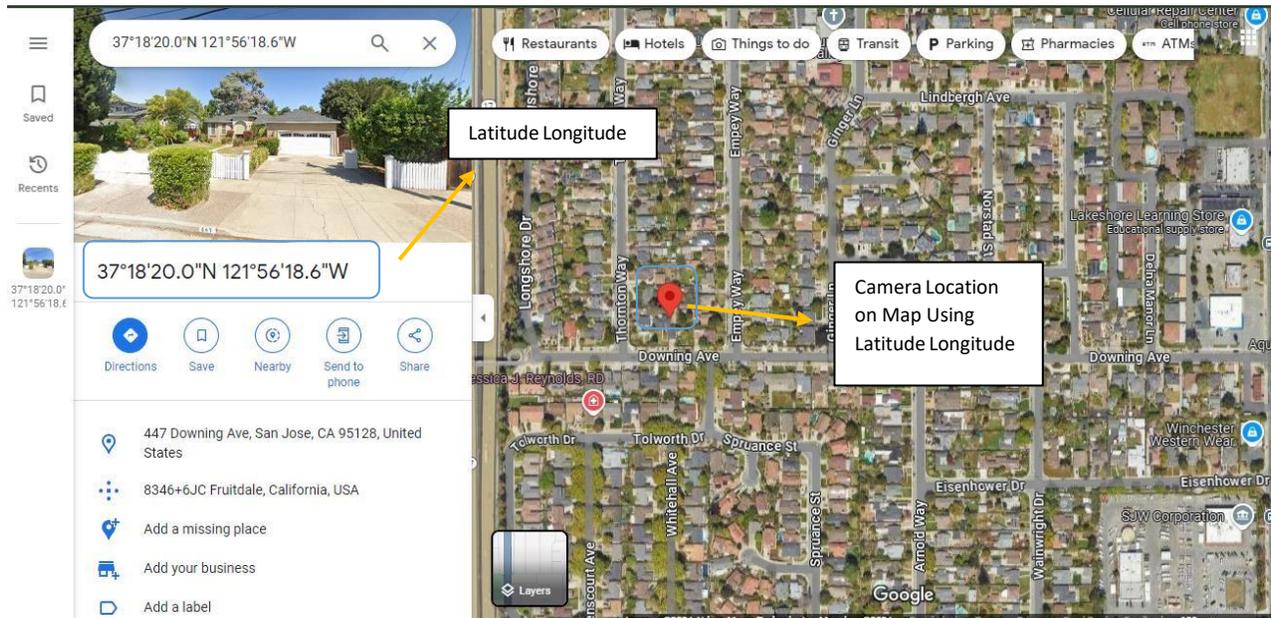
## 4 DASHBOARD

AccelEye dashboard has two high level components.

### 4.1 CAMERA VIEW

The screenshot shows the 'CAMERA VIEW' dashboard. On the left is a navigation sidebar with 'useradmin's Dashboard' and menu items: 'Events And History', 'Users >', 'Cameras >', and 'Settings >'. The main area displays a grid of camera feeds under the heading 'San Jose' and 'December 22, 2024'. The feeds show various scenes, including a desk with a 'Weapon: 0.97' detection and a 'No Signal' feed. Annotations include 'Emergency Call' and 'Send Alert' buttons at the top right, and 'Full Screen', 'Alarm Setting', 'Map View', 'Camera Setting', and 'Aspect Ratio' callouts pointing to specific interface elements. A status panel on the right shows 'Total Camera: 9', 'Active Camera: 9', 'Deactivator Camera: 0', and 'Aspect Ratio: -8'. A bottom row of thumbnails shows a sequence of camera views.

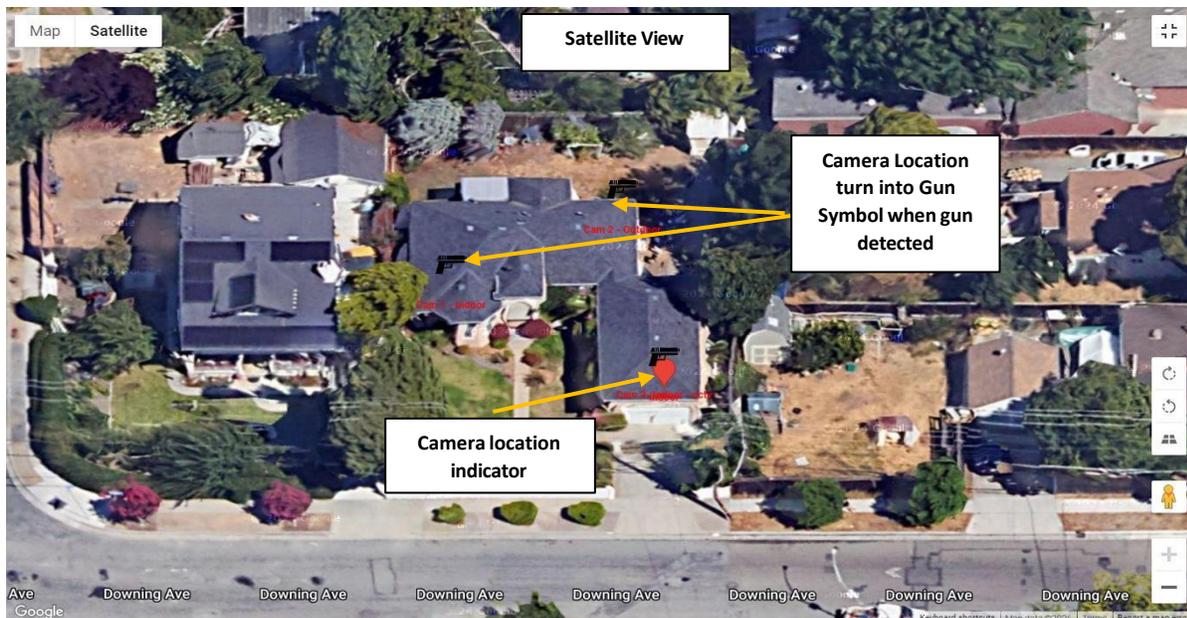
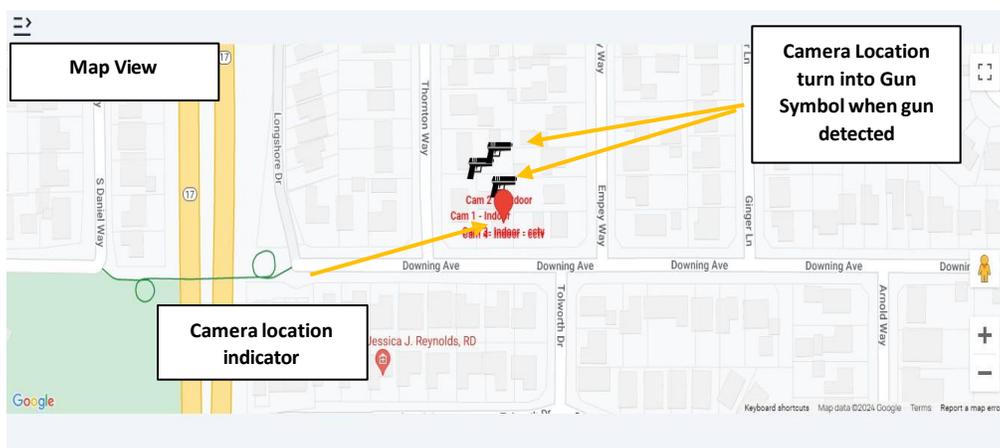
## 4.2 MAP VIEW



#### 4.2.1 Detected Map (Location)

Users have the ability to view the exact locations where weapons have been detected within the AccelEye system. This feature includes a camera location indicator that displays a gun symbol when a gun is detected.

Note: The gun detection map system is suitable for law enforcement use.



### 4.3 DISPLAY SETTINGS

AccelEye system have the flexibility to customize display system according to user's preferences.



### 4.3.1 Camera Selection for Display

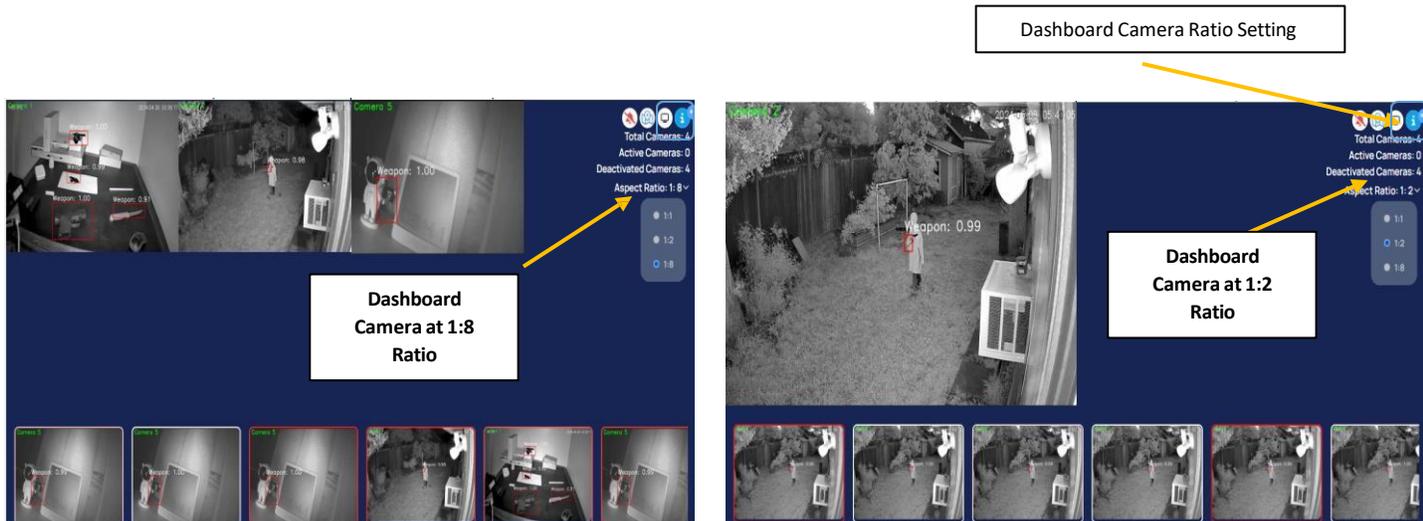
AccelEye system have the flexibility to customize camera viewing selection. Selected cameras are displayed on the dashboard according to user's preferences.



The feed window displays the camera feed, while the detection panel shows detection events. In the first window, the user can view the feed for one camera selection, and in the second window, the user can view feeds for two camera selections simultaneously.

### 4.3.2 Aspect Ratio for Detection Display

For enhanced flexibility, detection dashboard offers three viewing modes: 1:1, 1:2, and 1:8 ratios, allowing users to adjust the display according to their preferences.



### 4.3.3 Detection Alarm Configuration

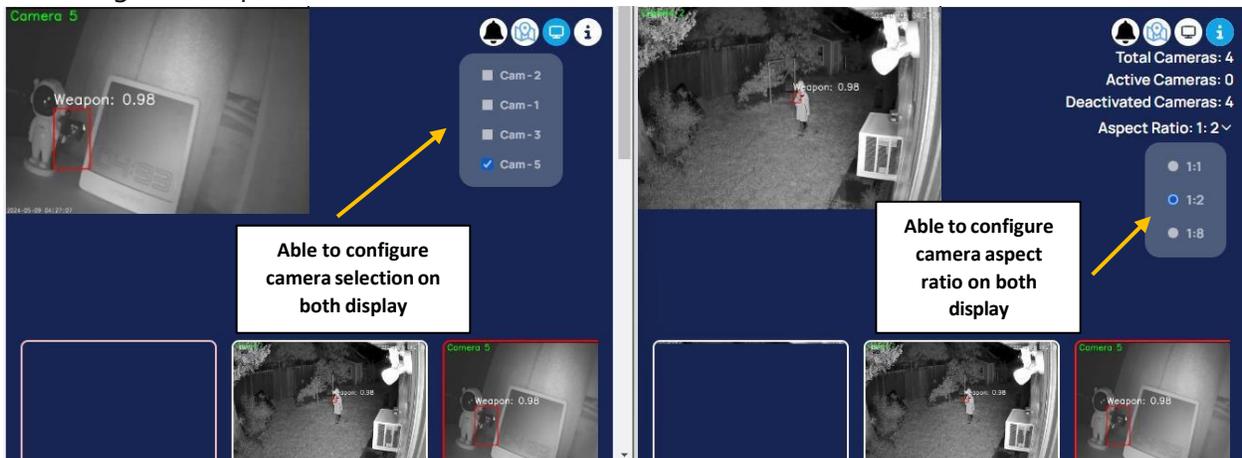
When Gun is detected in any of the feeds corresponding feed will be highlighted and alarm will go off, so that the monitoring agent can be alert and resolve the issue quickly. For any reason if the user wants to disable the alert, then press Detection Alarm OFF icon.

Note: it's highly recommended not to turn off the Detection Alarm notifications for monitoring.



### 4.3.4 Display Configuration

If there are nine or more cameras, users have the option to configure two or more displays according to their preferences.



### 4.3.5 Send Alert

Upon detecting a genuine gun violation threat, AccelEye system automatically sends a gun detection Alarm, alerting user to take immediate further action as necessary.



## 5 EVENT HISTORY AND REPORT

Users can do an investigation when an alarm and detection of the past event history. During the thorough examination of the detection, user can access comprehensive details such as event pictures, precise location information, detection type, and timestamp. This functionality allows a user to closely monitor and analyze detected incidents with accuracy and depth.

### 5.1 EVENT LIST

AccelEye system offers advanced search functionality, allowing users to search through event names, camera names, and date-time information. Additionally, users can utilize a mapping system to pinpoint event locations, enhancing their ability to allocate and analyze specific incidents with precision and efficiency.

useradmin's Dashboard

- Events And History
- Users >
- Cameras >
- Settings >

### Events and Action History

Search...

Index	Date & Time	Event	Action	Camera	Picture	Map
1	December 22, 2024 at 11:31:12 AM	No Signal	N/A	11		
2	December 22, 2024 at 11:31:10 AM	No Event	N/A	33		
3	December 22, 2024 at 11:31:10 AM	Weapon	N/A	72		
4	December 22, 2024 at 11:31:09 AM	No Event	N/A	11		
5	December 22, 2024 at 11:31:08 AM	No Signal	N/A	11		
6	December 22, 2024 at 11:31:07 AM	No Signal	N/A	11		
7	December 22, 2024 at 11:31:07 AM	Weapon	N/A	100		
8	December 22, 2024 at 11:31:07 AM	Weapon	N/A	100		
9	December 22, 2024 at 11:31:06 AM	Weapon	N/A	100		
10	December 22, 2024 at 11:31:02 AM	No Signal	N/A	66		

« Prev 1 2 3 4 5 6 7 8 9 10 Next »

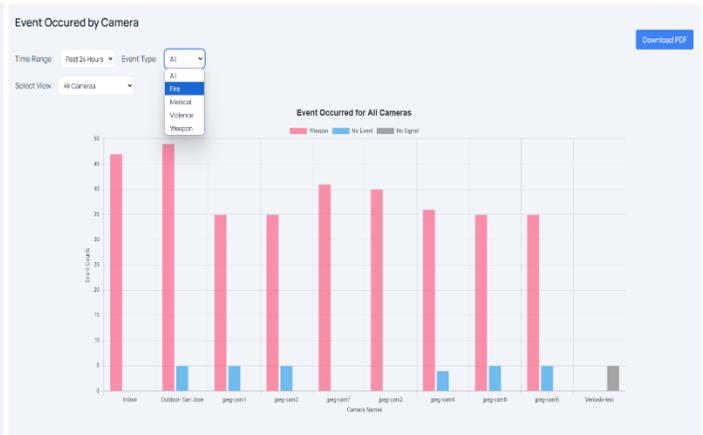
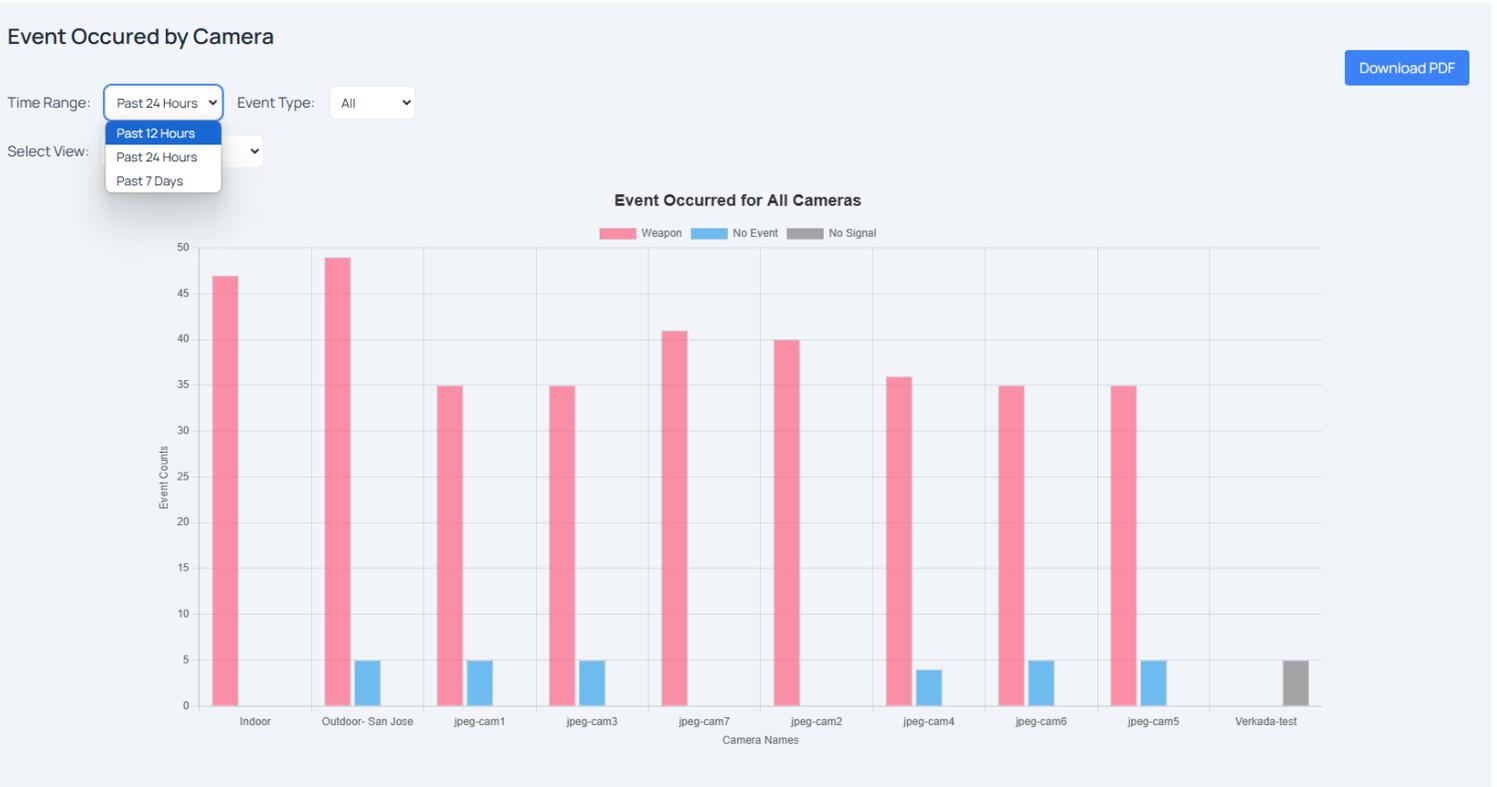
Showing 1 to 10 of 292 (10 Pages)

Detected Map Location

Detected Image

When an event occurs, an image is captured of the detected violation and the location of the camera. Users then can view this picture, which shows the camera location associated with the specific event recording for detection.

## 5.2 EVENT REPORT



The event reports can be viewed based on the past 12 hours, 24 hours, or 7 days. Reports are also categorized by various event types, such as weapons, violence, or fire. Additionally, it highlights the most active and least active camera events.

Detailed event information can be accessible for each individual camera by clicking on the bar chart.

Also it allows the user to download event report as pdf by clicking Download PDF button.

