DRISHTICAM

YOTTA

User Guide

Web Monitoring Portal

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Table of Contents

1 Introduction

Drishticam Service is a cloud based AI powered surveillance portal is based on a unified, monolithic architectural framework to capture and handle video and audio data over an IP network efficiently and elegantly, going way beyond what traditional 'view-record-replay' based DVR-like systems offer. Drishticam Cloud-based surveillance portal is scalable across multiple verticals such as City surveillance, Enterprise surveillance, Banking, Retail, Traffic management etc. using the same video management software framework. It comes integrated with our in-house intelligent video and audio analytics platform and is deployable across multiple operating systems and hardware platforms. It can be seamlessly integrated with other Drishticam offering retail solutions for business intelligence generation, face recognition, intrusion detection, crowd monitoring and other typical video analytics applications, thus providing a homogeneous, one-stop solution. The system is easy to use even when it is scaled from a single server to a distributed multi-server system, with thousands of cameras and heterogeneous storage devices (NAS, SAN, hard disks etc) spanning multiple sites.
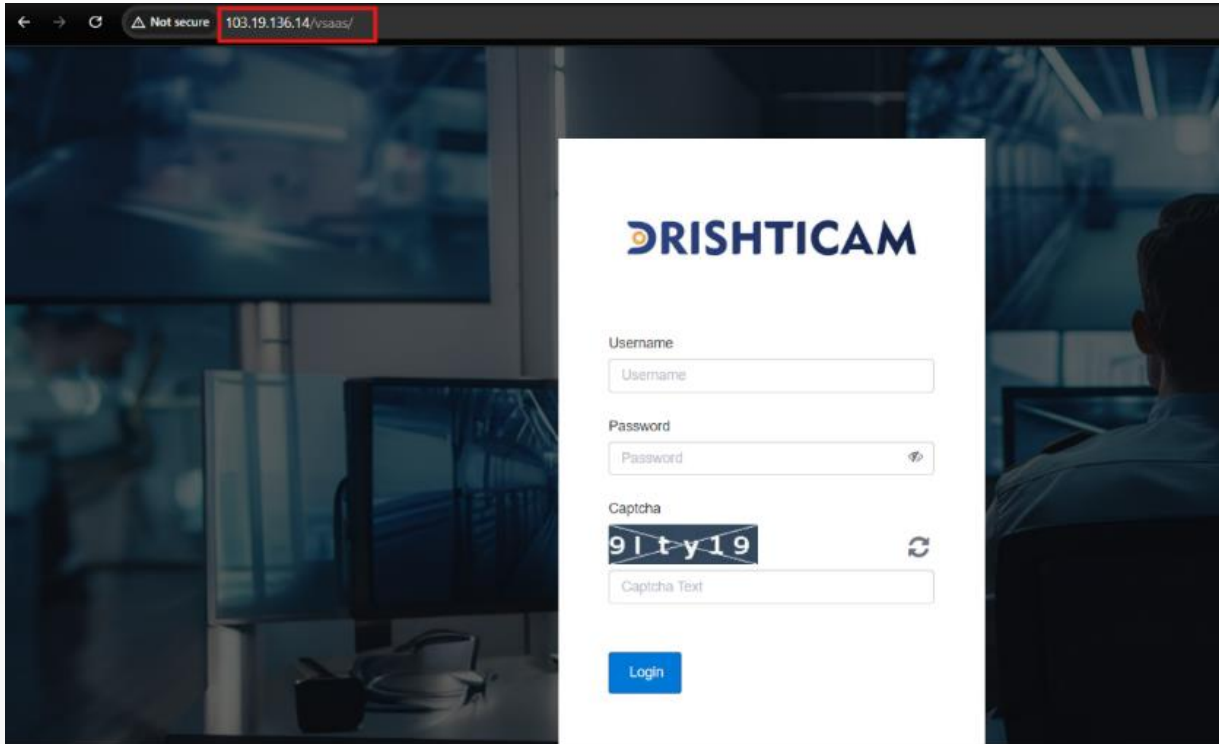
2 Key features

- Matrix layout for multiple camera viewing.
- SAN/NAS support policies.
- Instant capture from Live & Recording.
- Instant replay of the recorded video at any time.
- Recording playback synchronization.
- Events Capture.
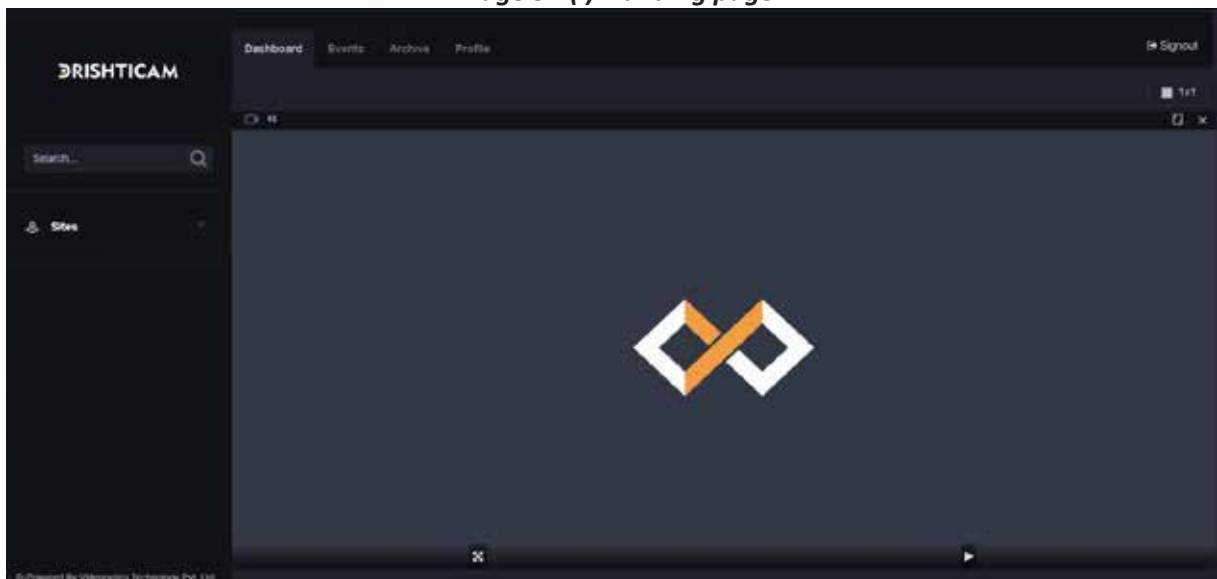
3 Application functionalities

3.1 Application login

Dirshticam Service web monitoring portal login page can be accessed using the provided portal URL *https://user.drishticam.ai*

Image 3.1 (i): Login page

On providing Enterprise Admin or Operator Login credentials and correct captcha, the application will allow user to access surveillance portal, and the landing page is as shown in below figure

Image 3.1(i): Landing page
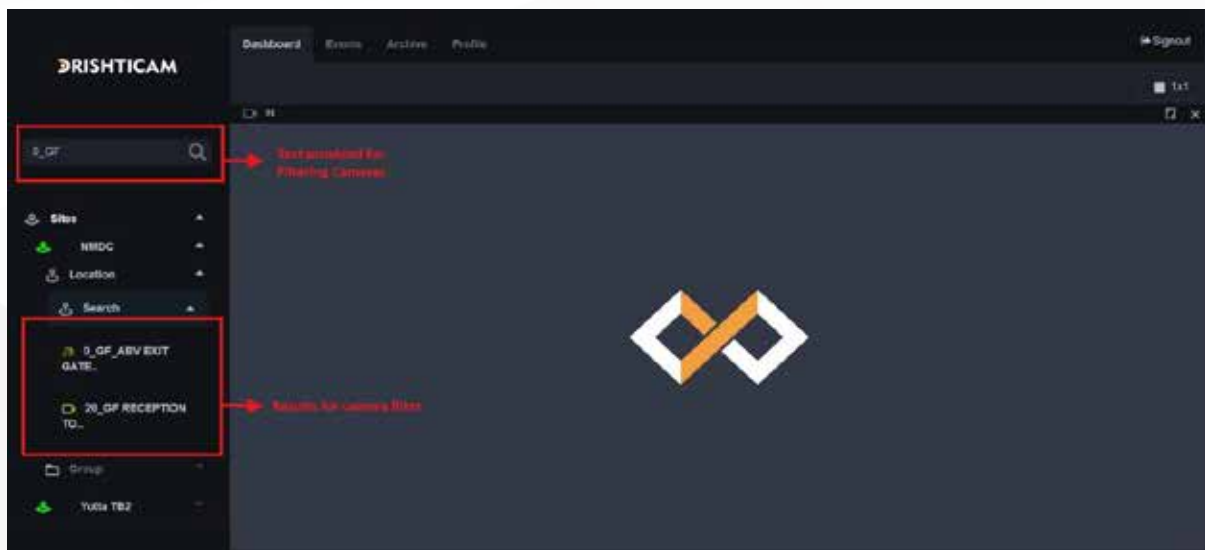
3.2 Dashboard

In Dashboard page user can filter (search) cameras according to name, change grid size, play live, Screen capture, camera site etc.
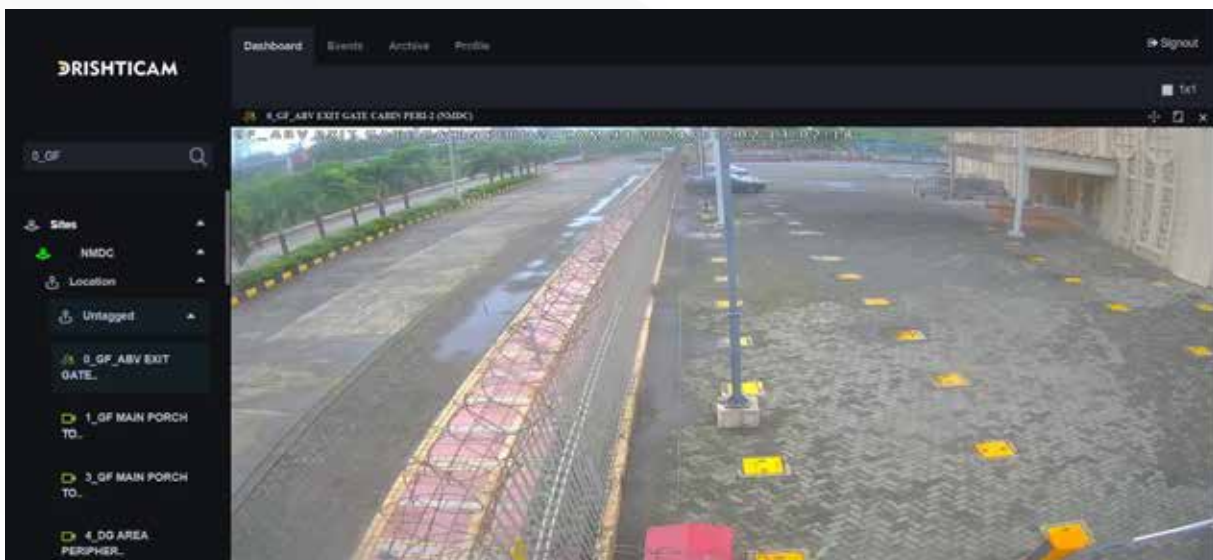
3.2.1 Filter cameras

In the dashboard page, the left panel contains "sites," and under each "site," there are multiple "locations," each containing multiple "cameras." user can filter the cameras dynamically according to the name by providing a partial or full name of the camera in the search box, as shown in the figure below. additionally, users can filter cameras using site and location names too.

Image 3.2.1: Dashboard (Filter Camera)

3.2.2 Camera Live View

User can view live video from camera/s by clicking" drag and drop" the cameras listed under Sites onto grid as shown in below figure.

Image 3.2.2 (i): Camera Live View

User can view live video from multiple cameras by changing the grid layout size and selecting more cameras as shown below.
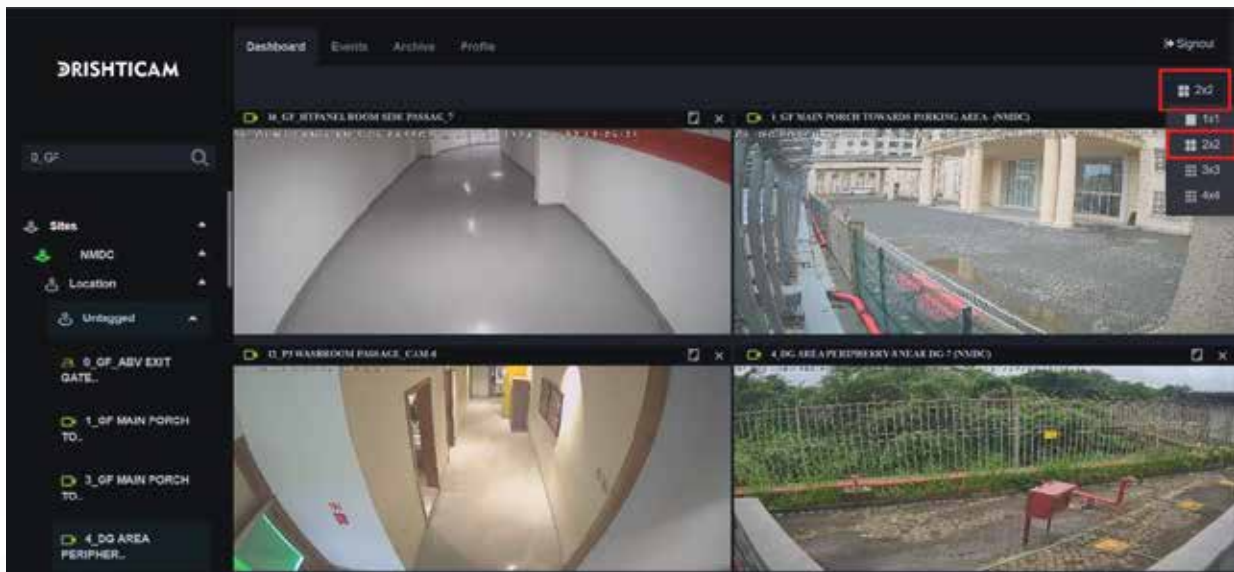

Image 3.2.2 (ii) Camera Live View (Multiple cameras)

3.2.3   Tile Options

User can perform various operations such as Clear Camera/s from Tile/s, take Screen Capture, Pause and Play Video, Full screen view etc

3.2.3.1   *Clear Camera/s from Tile/s*

User can clear camera view from the tile using two options as highlighted in below figure.

Right click on the tile to get "Clear View" and "Clear All View" options.
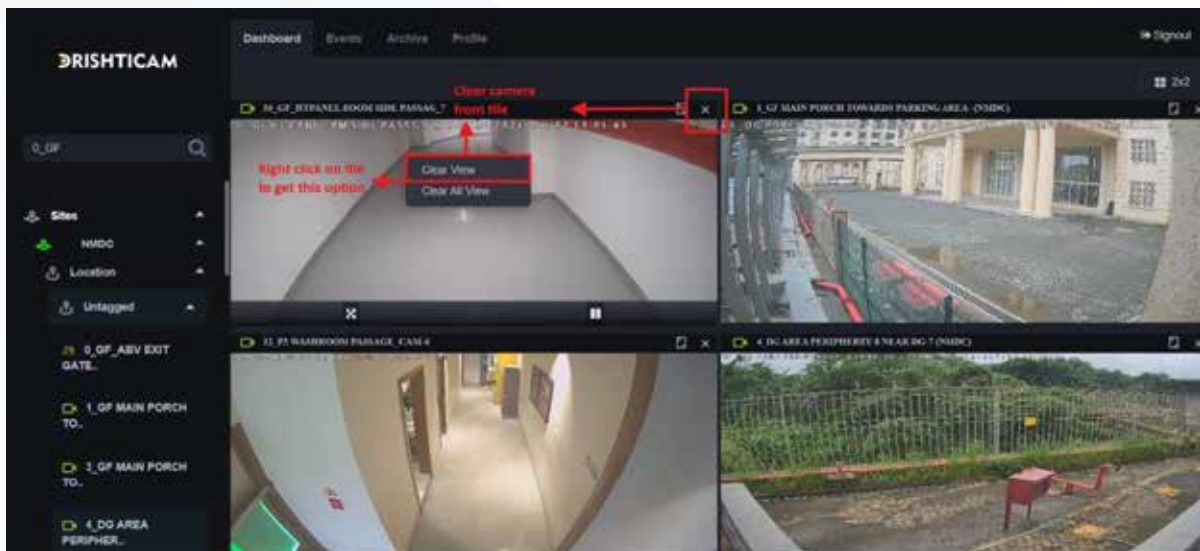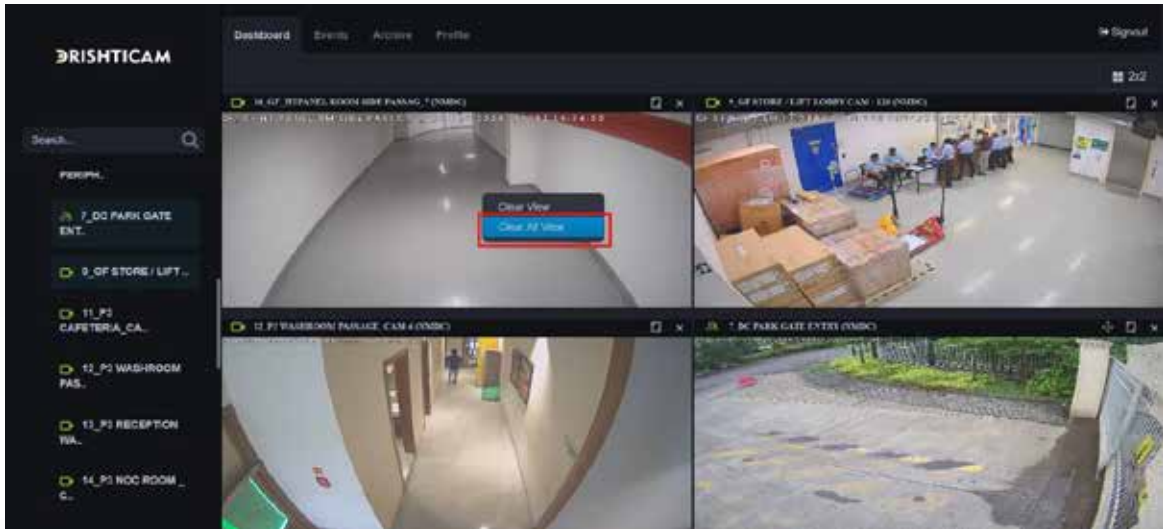

Image 3.2.3.1 (i): Dashboard (Clear Camera)

User can clear all cameras playing by clicking on "Clear All View" option.

3.2.3.1 (ii) Dashboard (Clear All Cameras)

On click of "Clear All View" option, all the cameras which are playing will be cleared as shown in below figure.
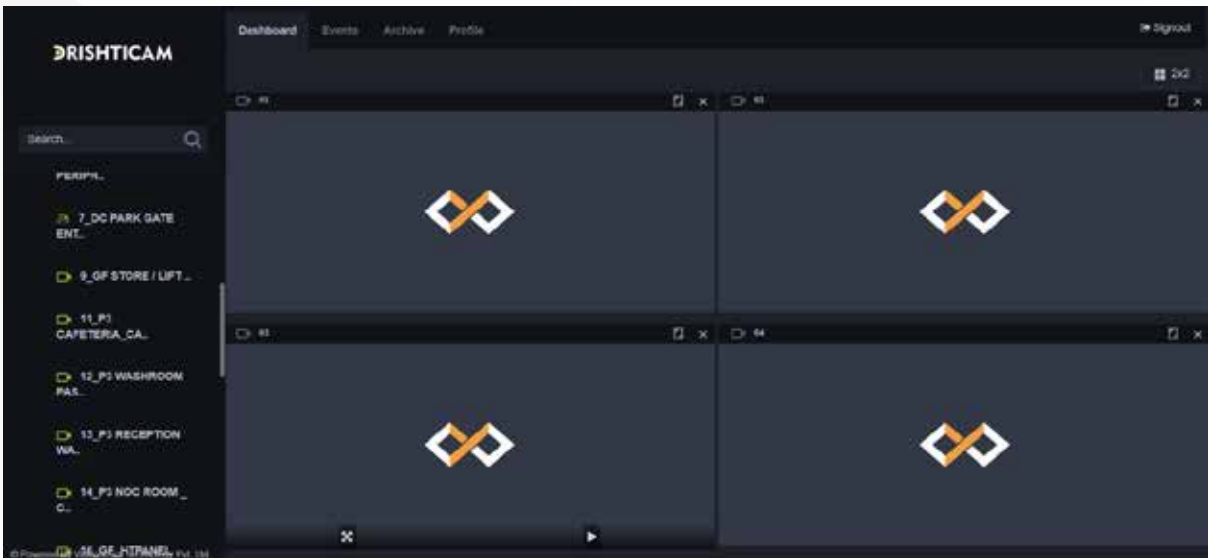

Image 3.2.3.1 (iii): Dashboard (Cameras cleared View)

3.2.3.2 Screen Capture

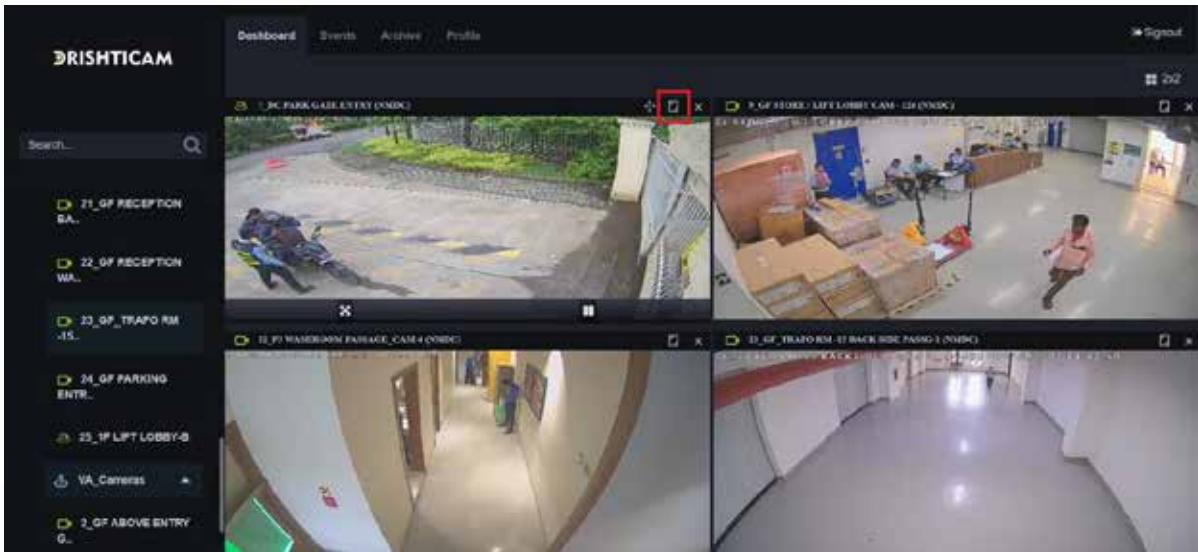On click of screen capture option, application will capture live camera view and automatically download it.

Image 3.2.3.2: Dashboard (Take Snap)

3.2.3.3 Pause and Play Video

User can Pause and Play the video on the individual tile. To do so, hovering on the tile will provide option to pause and play as shown in below figure

Image 3.2.3.3: Dashboard (Pause and Play)

3.2.3.4 Full screen view

User can view video in the individual tile in full screen mode. To do so, hovering on the tile will provide option to switch to full screen view as shown in below figure.

Image 3.2.3.4 (i): Dashboard (Full screen Option)

Full screen view of the camera is as shown in below figure. On press of "ESC" button, user can switch back video to normal screen.

Image 3.2.3.4 (ii): Dashboard (Full screen View)

3.3 Events

On click of Events tab, user can view all the events for Today (12AM). There are two features in Events page

- All Events
- Live Monitoring

3.3.1 All Events

On Click of Events tab, application will auto select "All Events" and by default events will be displayed for Today (From 12AM to current time), all Rules/Analytics, all cameras.

User can change filters and accordingly application will show the events as shown in below figure.

On click of any event, it will be shown on video tile. Event clip can be played using play button, Event clip can be downloaded by clicking on download button, switch to full screen mode using Full screen mode button as shown in below figure.
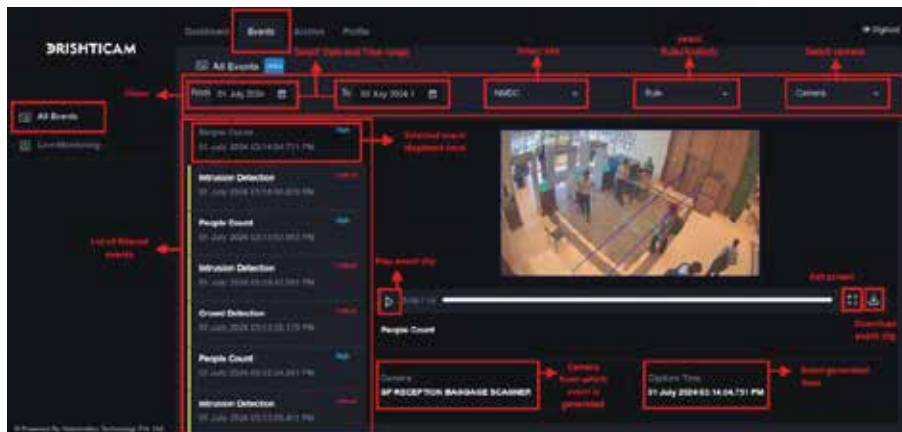

Image 3.3.1: Events Page (All Events)

3.3.2 Live Monitoring

User can view Live Events by clicking on "Live Monitoring" Option.

User can Filter WRT Site, Rule/Analytic Type and Camera for live monitoring the Events. Once any event occurs, immediately that event will be displayed on the Event tile as shown in below figure.
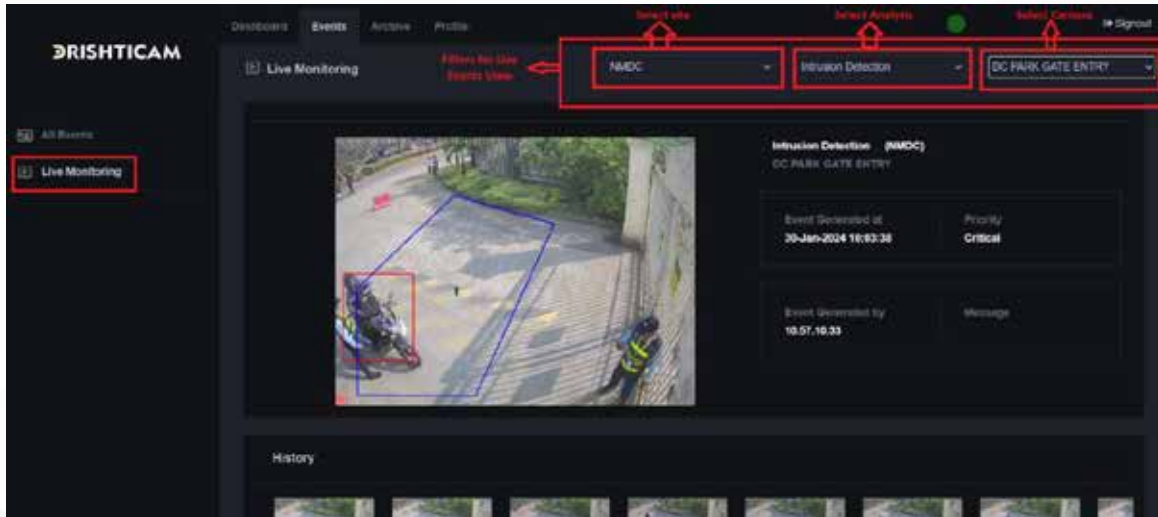

Image 3.3.2: Events Page (Live Monitoring)

3.4 Archive

On click of Archive tab, application will redirect to archive page and user can View Archive Video, Download Archive and Take Snap of interested frame.

3.4.1 View Archive

On selecting the camera by drag and drop on to tile, archive will start playing. User can select date for which archive need to be viewed and change time by clicking on the video progress bar.
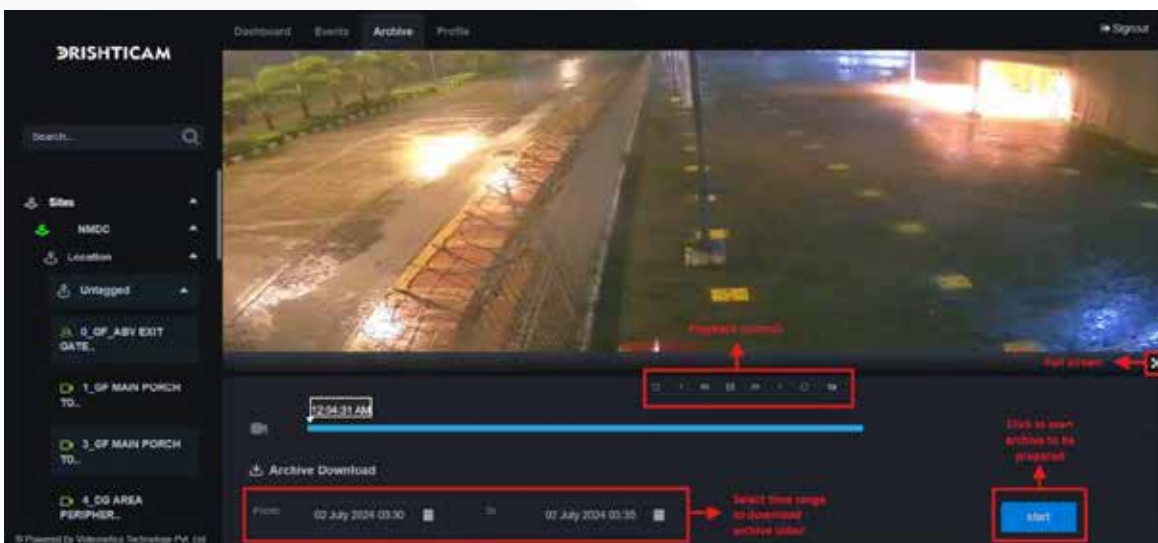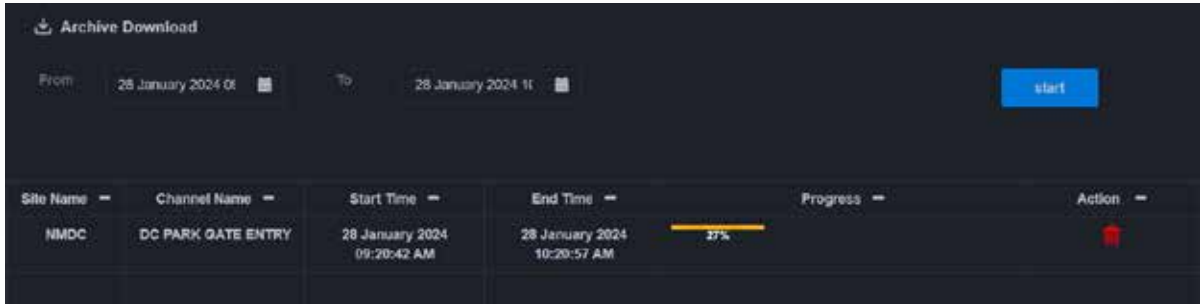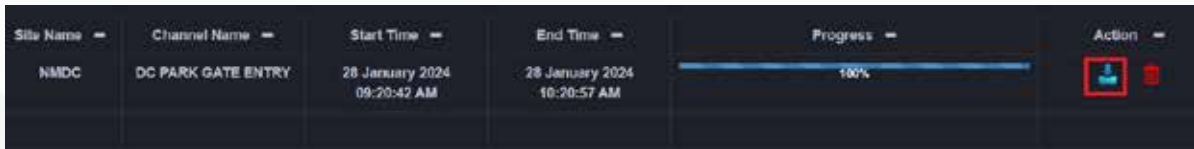

Image 3.4.1: Archive (View Archive)

3.4.2 Download Archive

Scroll down in Archive page to Archive Download option. Select time range and click on start button. Application will start preparing the Archive download as shown in below figure.

Image 3.4.2 (i): Archive (Prepare for Download)
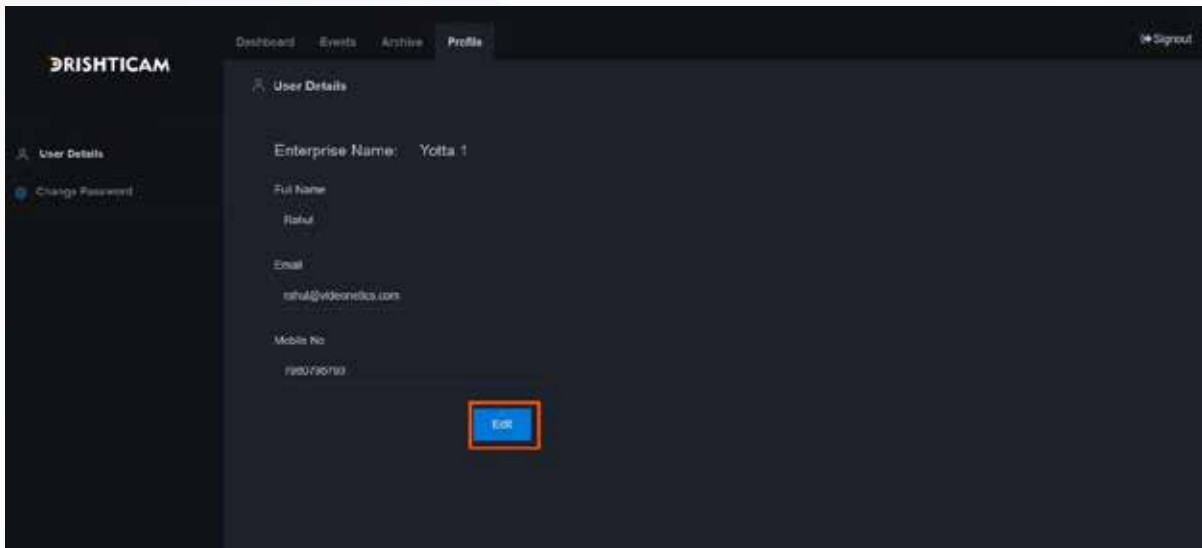

Once the progress bar becomes 100%, a download option will be given as shown below. On click of download button, download will start.

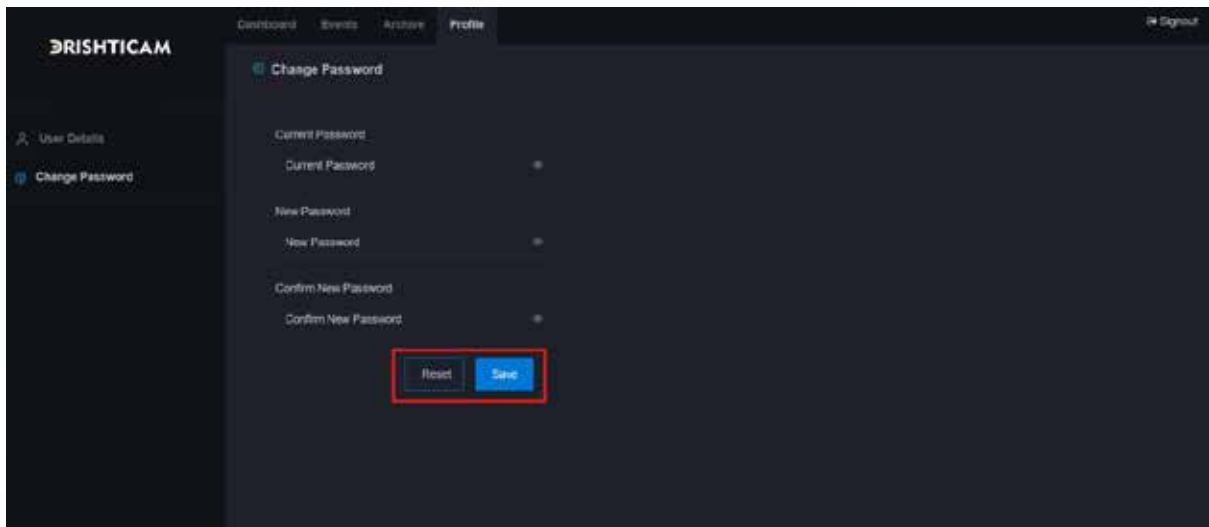*Image 3.4.2 (ii): Archive Download*

3.5 Profile

On click of Profile tab, application will redirect to user detail page and user can view and edit the details of their profile (name, email, mobile etc.)
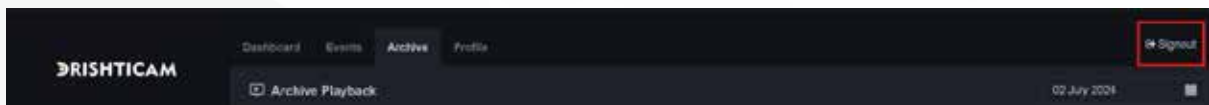

Image 3.5: User Details

3.5.1 Change Password

On clicking change password it will redirect to the change password page where user can change their password.

Image 3.5.1: Change password

3.6 Logout

On click of Sign-out button on right hand top corner as shown in below figure, application will end login session and redirect to login page.

3.6 Sign Out