Smart AD BOX
CMS SOFTWARE OPERATION

ADBX CMS SW OPERATION MANUAL

ViewZ®
www.viewzusa.com

Please read this manual thoroughly before use, and keep it handy for future reference.

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SETUP THE LANGUAGE

Change the Interface Language

- Smart AD BOX's CMS software allows for users to change the interface language. Users can change the interface language at any time.

- Click on the "Management" tab on the top of the main software page. Once in the "Management" page, click on the "Server " button as shown.

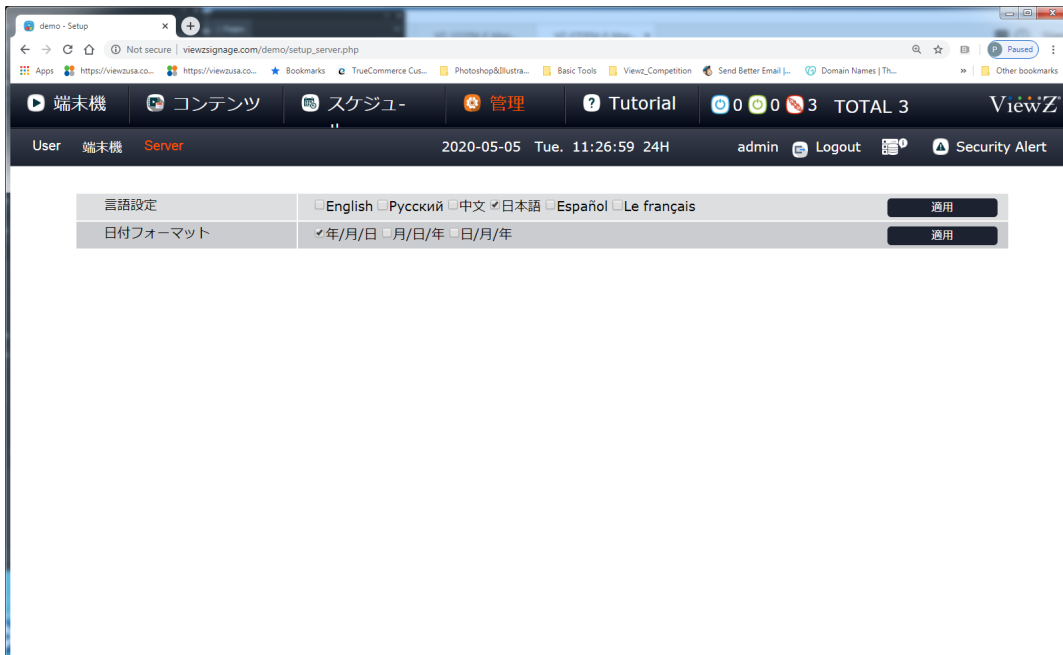① Click the "Management" button

② Click the "Server" button

③ Select the desire language and click the "Apply" button
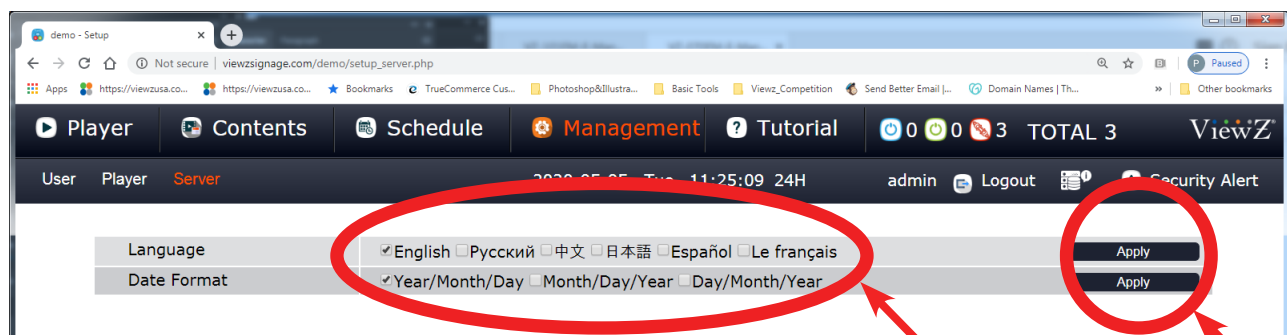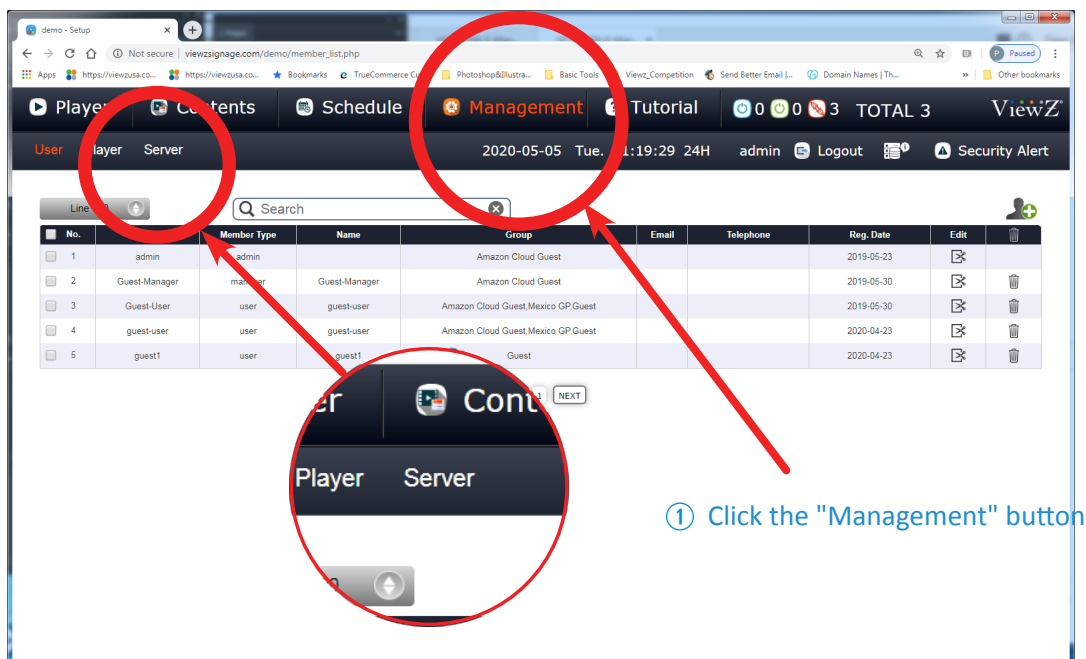
# SETUP THE LANGUAGE

Change the Interface Language

- Once in the "Server" page, simply select the desired language and click on the "Apply" button, then the interface language will be replaced with the chosen language.

CREATING PLAYER GROUPS

Add a New Group

- Smart AD BOX's CMS software allows for different groups to be created and devices to be added to them. Groups can be created so that you can for instance, upload contents to devices incrementally group by group or if you need to group devices together based on geographical or other types of divisions. As an example, you can create a group labeled "California" and group all the devices that are deployed in California. Groups can also be helpful if you need to upload one set of contents to certain devices and other contents to other devices.

- Click on the "Player" tab on the top of the main software page. Once in the "Player" page, click on the "Group Management" button as shown.
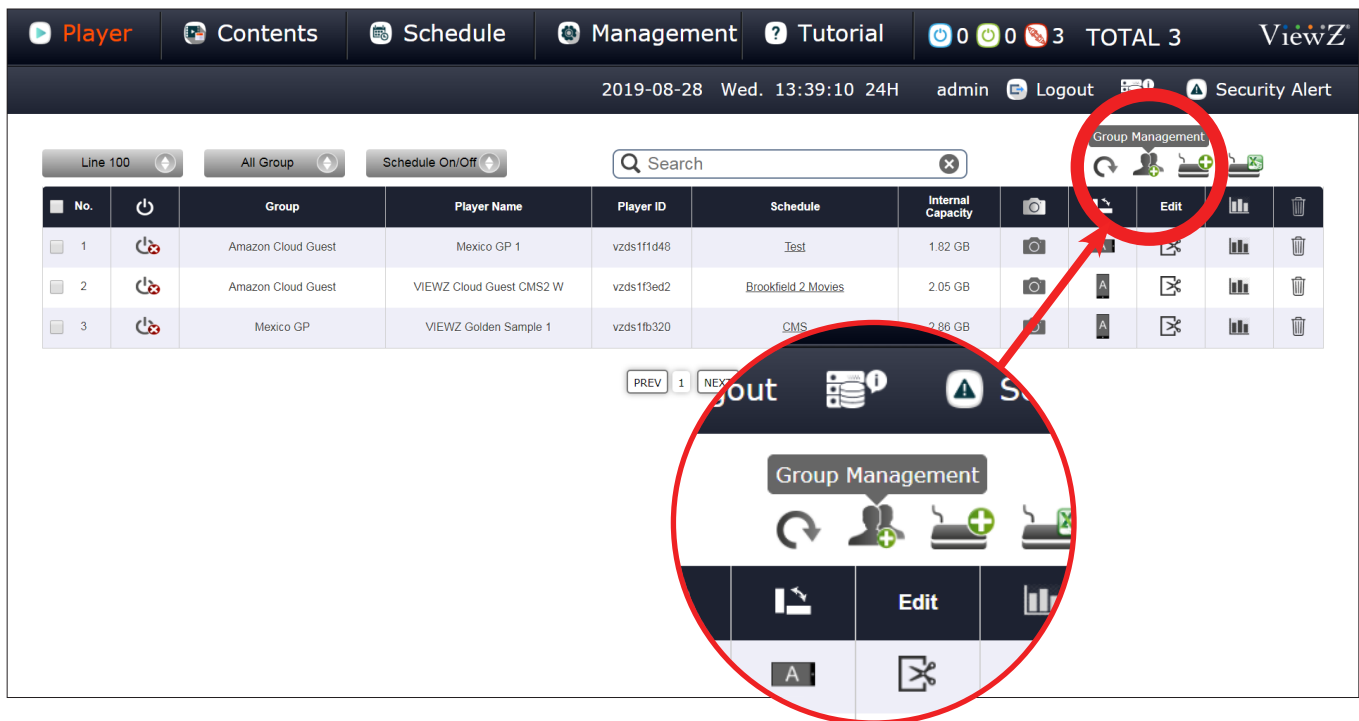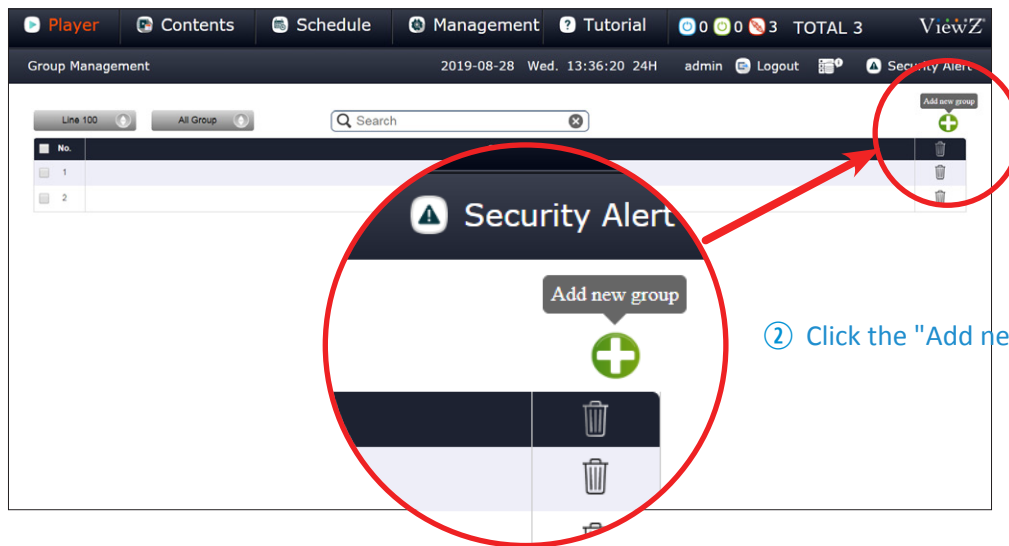

① Click the "Group Management" button

CREATING PLAYER GROUPS

Add a New Group

- Once in the "Group Management" page, simply click on the "Add Group" button, which is depicted with a plus sign on the right side of the page.

② Click the "Add new group" button

- Enter the group name and then simply click "Apply". Now the newly created group should be populated in the list of groups.

③ Enter the group name

④ Click "Apply" button
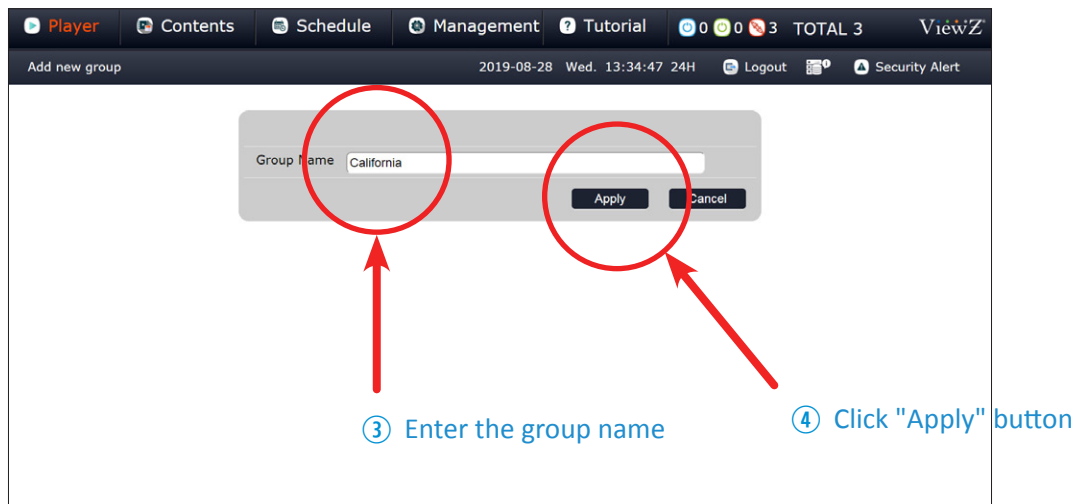
CREATING PLAYER GROUPS

Add a Device to a Specific Group

• To add a device to a specific group, first click on the "Player" tab on the top to access the "Player" page.

⑤ Check the box   ⑥ Click the "Edit" button

• Once in the "Player" page, check the box of the device you want to add to a group as shown and then click on the "Edit" button.

CREATING PLAYER GROUPS

Add a Device to a Specific Group

- Once in the "Edit" page, choose the group from the drop-down list that you want to add the device to and then click "OK". Repeat the same process to add other devices to specific groups.
- In regards to 'Player ID', please refer to the following section in the next page - 'Registering a Device'

⑦ Enter the desired "Player Name" - Smart AD BOX's name and "Player ID" - Smart AD BOX's unique ID

⑧ Select the "Group"   ⑨ Click the "Apply" button

REGISTERING A DEVICE

Register a Device to CMS SW

- To register a device, click on the "Player" tab on the top of the main software page.
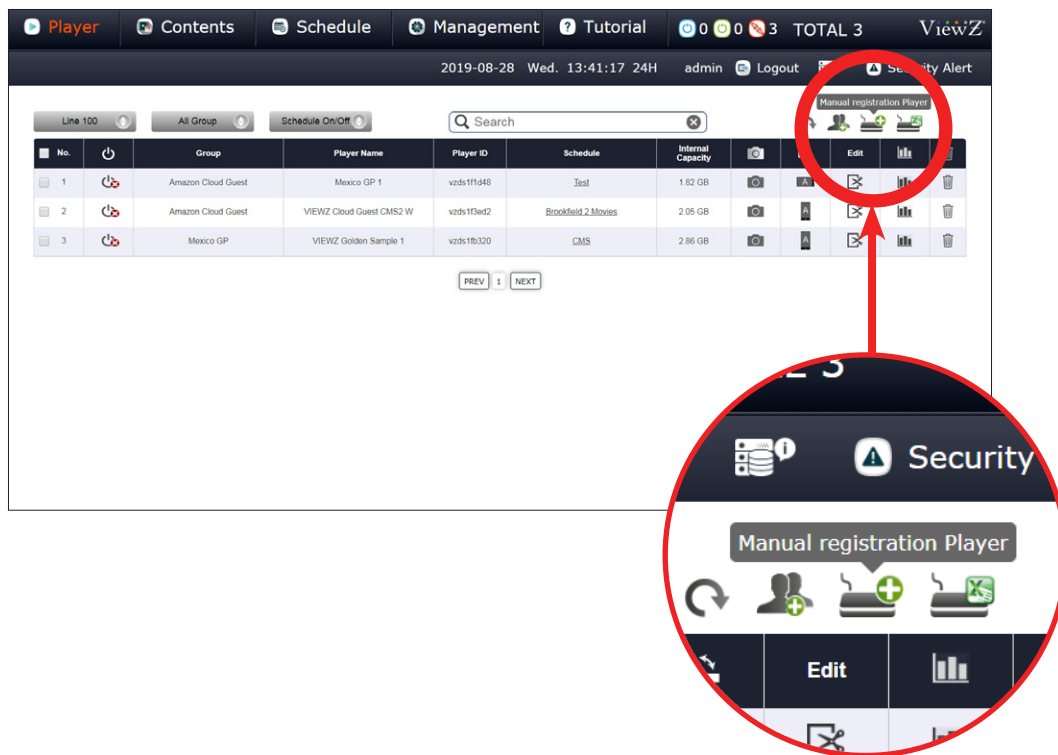
① Click the "Manual Registration Player" button

REGISTERING A DEVICE

Register a Device to CMS SW

- Once in the "Player" page, click on "Manual Registration Player" button located on the right side of the page as shown.

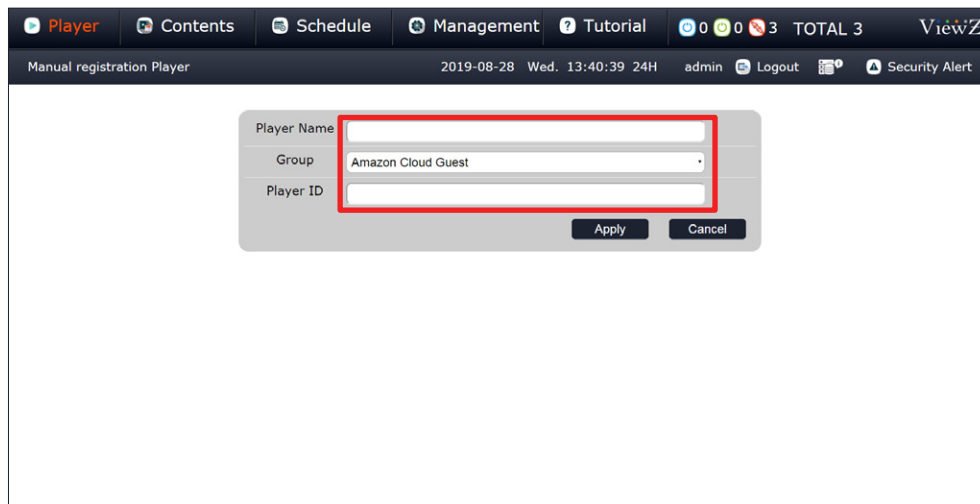- Once in the "manual registration player" page, first, enter the player name. Player name would be anything that identifies the unit such as the location or the store #.

- Choose the player group to enroll the device in. If there's no particular group already created, you may skip this step but otherwise, choose a group from the drop-down list.

- Lastly, enter the player ID. Player ID is the unique device ID that's assigned to each Smart AD BOX and can be retrieved from the unit itself in the information menu (see the following section in the next page - 'Get a Player ID').

REGISTERING A DEVICE

Get a Player ID(Unique ID) from Smart AD BOX

- To get the unique ID, please follow the below step
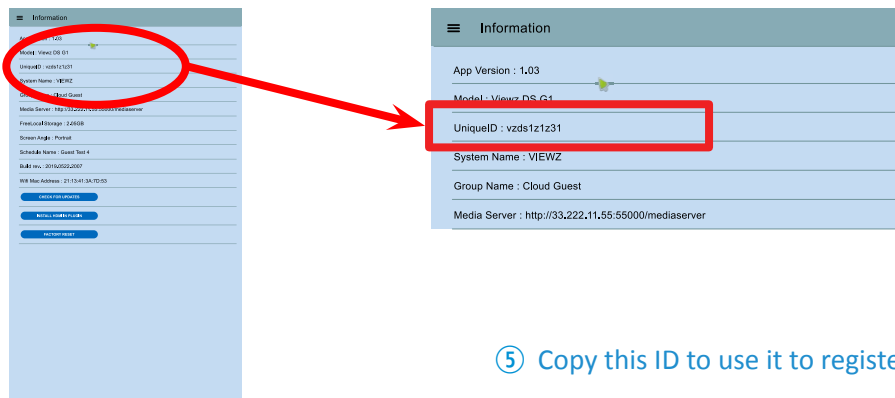
    1) Connect the mouse to Smart AD BOX and turn on the monitor and Smart AD BOX.
    2) Wait until the default CMS content starts running.
    3) When default CMS content run, move the mouse cursor to the top of Smart AD BOX screen and left click.

① Move the mouse cursor to the top of screen
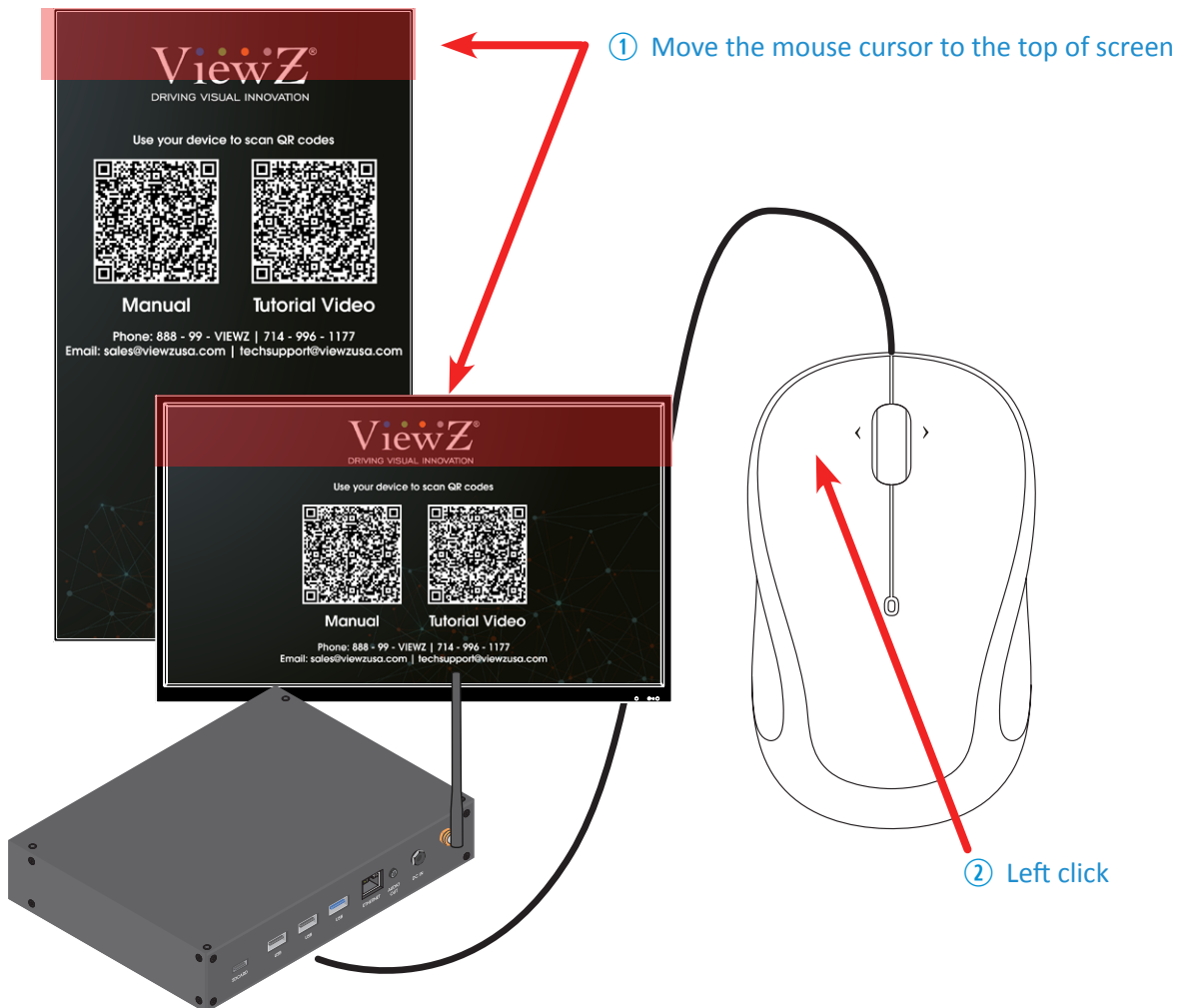
② Left click

REGISTERING A DEVICE

Get a Player ID(Unique ID) from Smart AD BOX

4) When you left click the top area, the DID screen tab will pop up on the top bar.
5) Click the Menu icon on the top-left.
6) When the DID Screen Menu slides in, please click the 'Information' tab.

③ Click the "**Menu**" icon

Menu

DID Screen

Information

About

Exit

④ Click the "**Information**" Tab

App Version : 1.03

Model : Viewz DS G1

UniqueID : vzds1z1z31

System Name : VIEWZ

Group Name : Cloud Guest

Media Server : http://33.222.11.55:55000/mediaserver

⑤ Copy this ID to use it to register the device in the CMS SW

7) After getting the "Player ID (Unique ID)", click the Menu icon on the top-left.
8) When the DID Screen Menu slides in, please click the 'DID Screen' tab to go back the default display

REGISTERING A DEVICE

Get a Player ID(Unique ID) from Smart AD BOX

- Enter 'Player ID (Unique ID)' in the "Manual Registration Player" page

⑤ Enter the"Player Name" which best describes the device

⑥ Choose the Player Group to enroll the device in

Enter the unique device ID ⑦

⑧ Click the "Apply" button to save the info

Select the "Group"

- After entering necessary information, click "Apply" once all information have been entered.

REGISTERING A DEVICE

Synchronize CMS Server with Smart AD BOX

- Go to the "Management" page.

① Click the "Player" tab
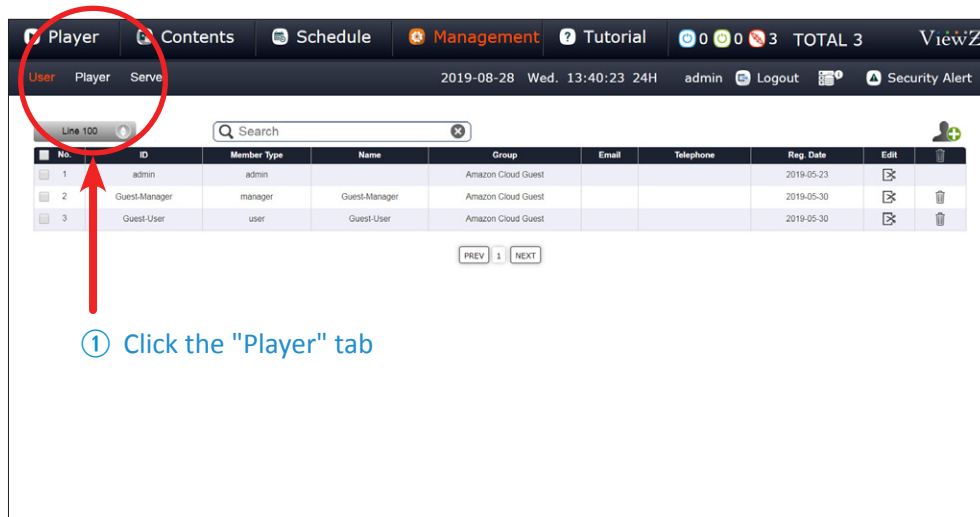
- Once in the "Management" page, click on the "Player" tab between "User" and "Server" tabs on the top left.
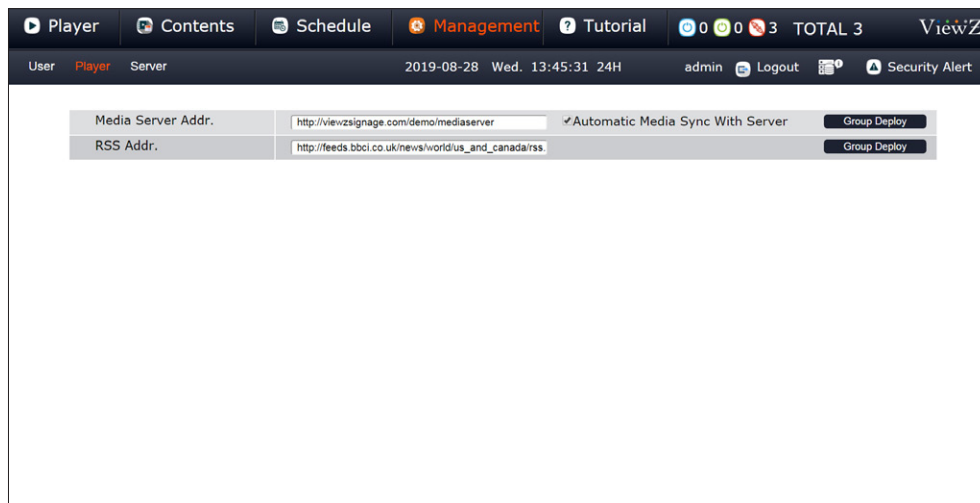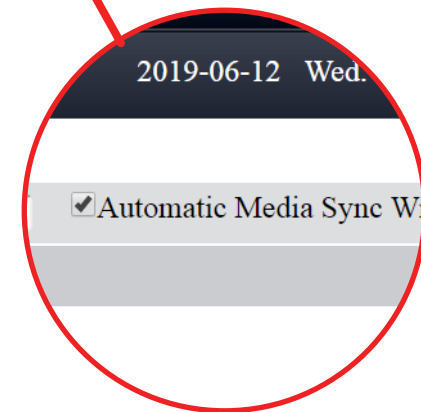
REGISTERING A DEVICE

Synchronize CMS Server with Smart AD BOX

- Once in the player page, enter the IP address and the port # of the CMS server next to where it says "Media Server Address", make sure the box for "Automatic Media Sync with Server" is checked, then click on the "Group Deploy" button.

② Type the IP address with port number

(CMS server IP address & assigned port number)
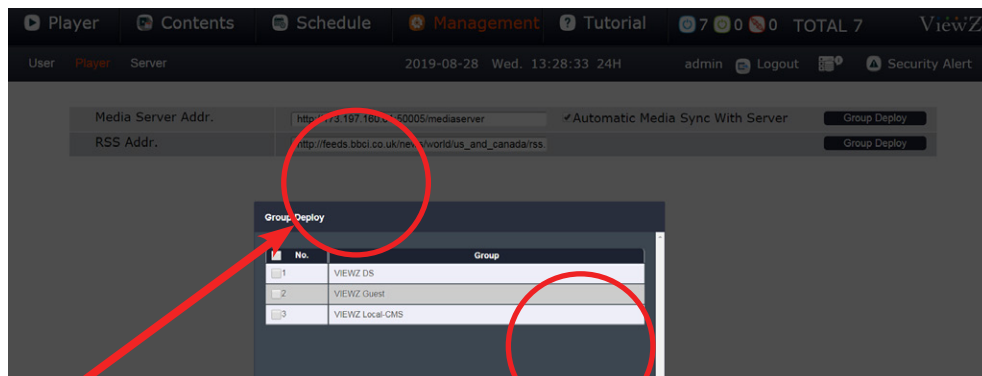
④ Click the "Group Deploy" button

③ Check the box

- Enter the current CMS server IP address with port number
  Ex. http://333.222.11.123:55555/mediaserver

- Click the 'Group Deploy' button
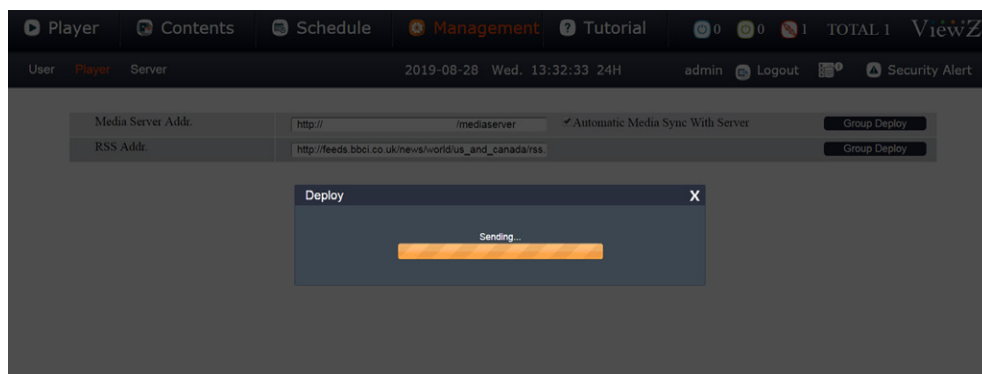
REGISTERING A DEVICE

Synchronize CMS Server with Smart AD BOX

- Once in the "Group Deploy" page, check the box next to the group that you want to register the device to and click "Deploy".

⑤ Check the Group Name to which you want to assign the device
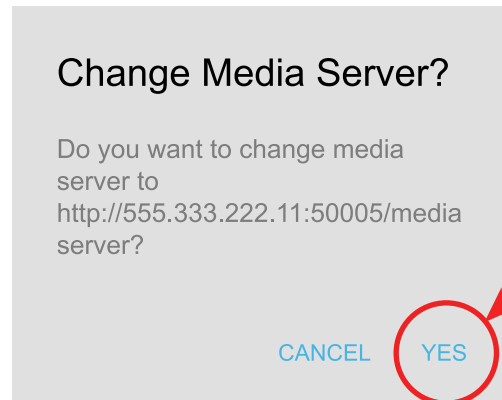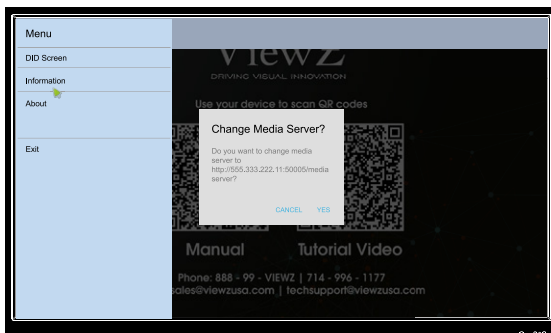
⑥ Click the "Deploy" button

- When you click 'Deploy' button, CMS software will start communication with the device.

REGISTERING A DEVICE

Synchronize CMS Server with Smart AD BOX

- If the connection between the CMS software and the device is successful, the Smart AD BOX will show the pop-up window and ask you if want to change the new media server address (which is the CMS server address).

Change Media Server?

Do you want to change media server to http://555.333.222.11:50005/media server?

⑥ Click the "YES" button

CANCEL   YES

⚠ Caution

The Smart AD PVM shuold turn on the information window to get this request.

- Using the mouse of Smart AD BOX, click 'YES' to finish the synchronization process.
- If the synchronization is successful, you can check the status on the CMS SW.
- Go to 'Player' and see the status.
- Now, your device should be fully registered and fully synced with the media server
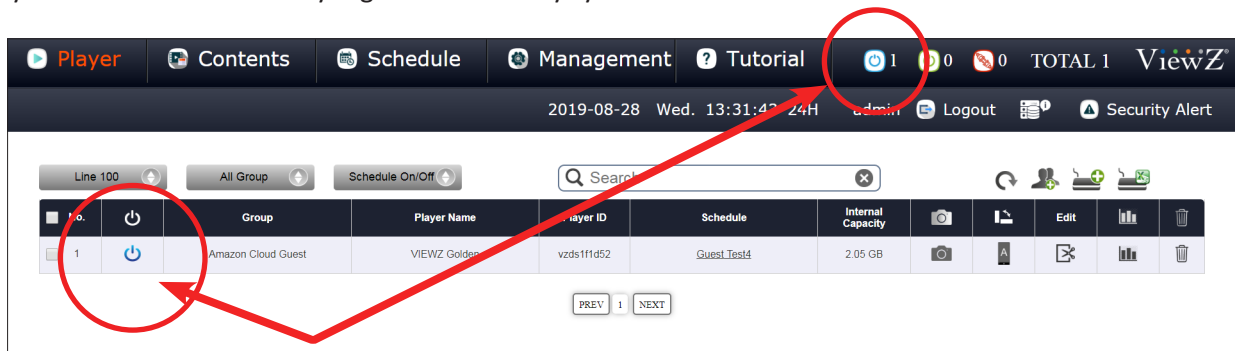
These Icons mean the device is "ON"

⚠ Caution

If you cannot see the pop-up message on the Smart AD BOX after clicking 'Deploy', check the following:

1) On Smart AD BOX, please check the Internet connection via 'App/Chrome browser.' Smart AD BOX should always connect to the Internet via WiFi or wired connection

2) If you connect the Internet via WiFi and have weak signal, you cannot get a safe-connection between CMS SW & Smart AD BOX. In this case, please use wired connection to register Smart AD BOX
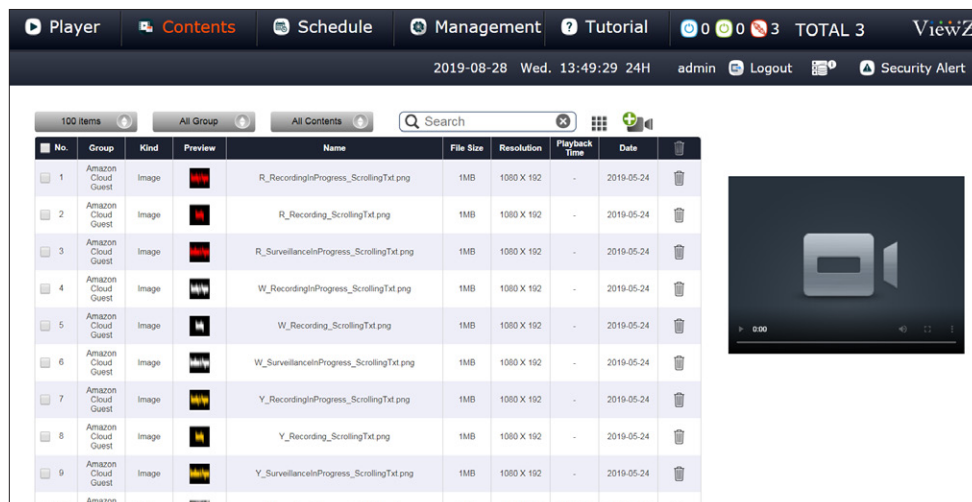
ADDING CONTENTS

Large Tile Icon View or List View

- In the main software page, simply click on the "Contents" tab on the top.
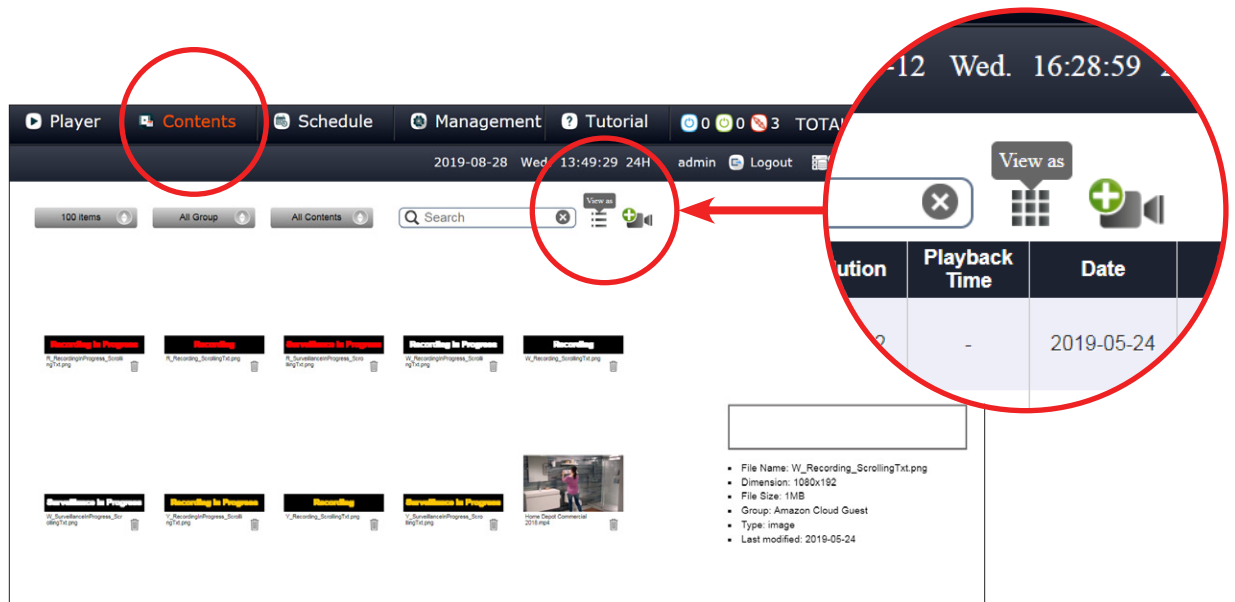
- Once in the "Contents" section, you'll either see uploaded and available contents populated as large tile icons. To change the view of the contents to a list, simply click on the "View As" button located next to "Search".
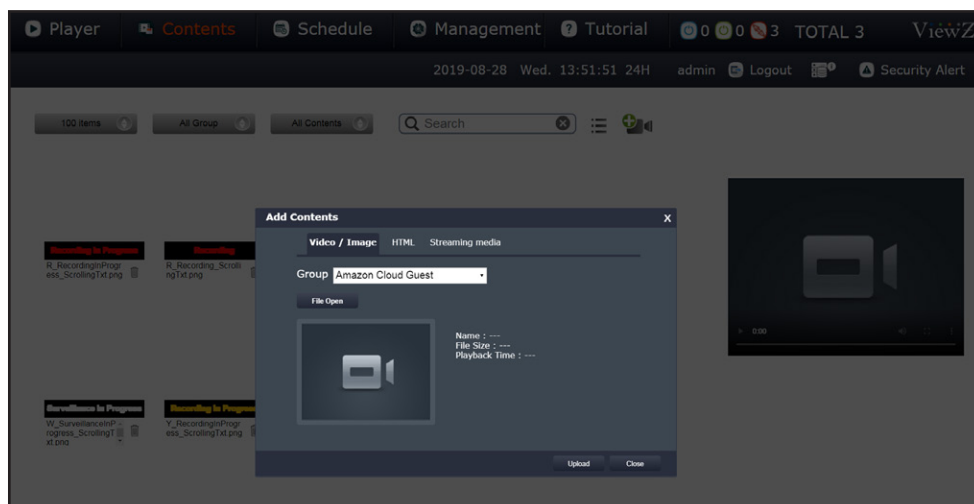
ADDING CONTENTS

Adding Contents to the Contents Database

- To add contents to the contents data base, click on the "Add Contents" button which is depicted with a + sign and a camera.
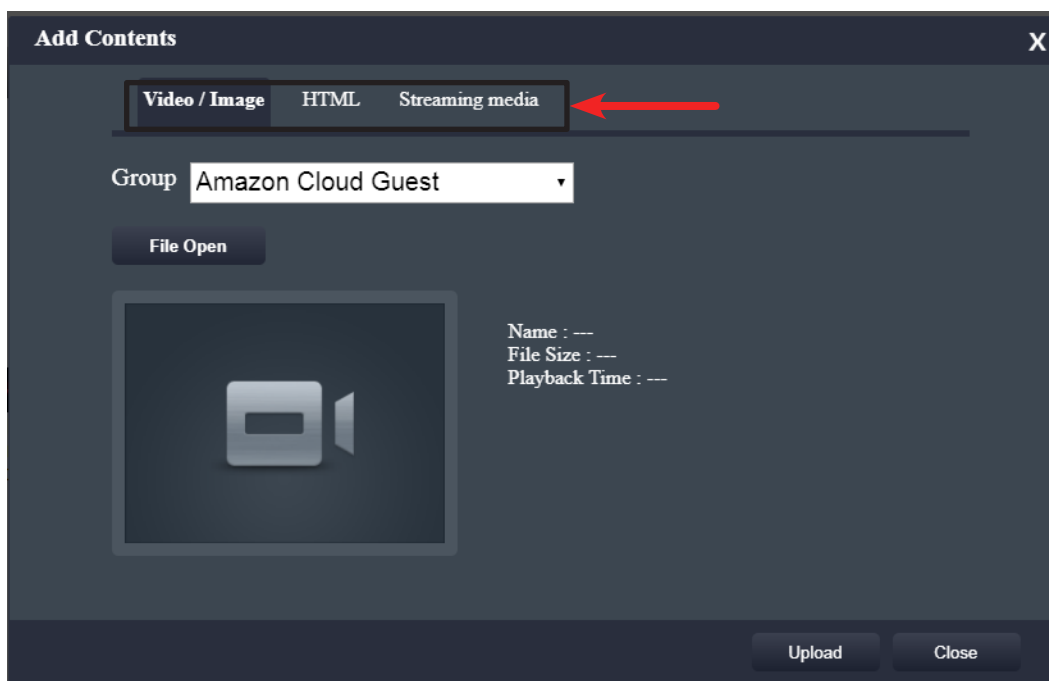
① Click the "Add Contents" button

- Once you click "Add Contents", a window will pop up.

ADDING CONTENTS

Adding Contents to the Contents Database

- There are three options to choose from.
  The 1st is to add video or image files from the local server, the 2nd is to add HTML based contents and the 3rd is to add streaming media contents.

- It will be defaulted to the 1st option when the window pops up.

ADDING CONTENTS

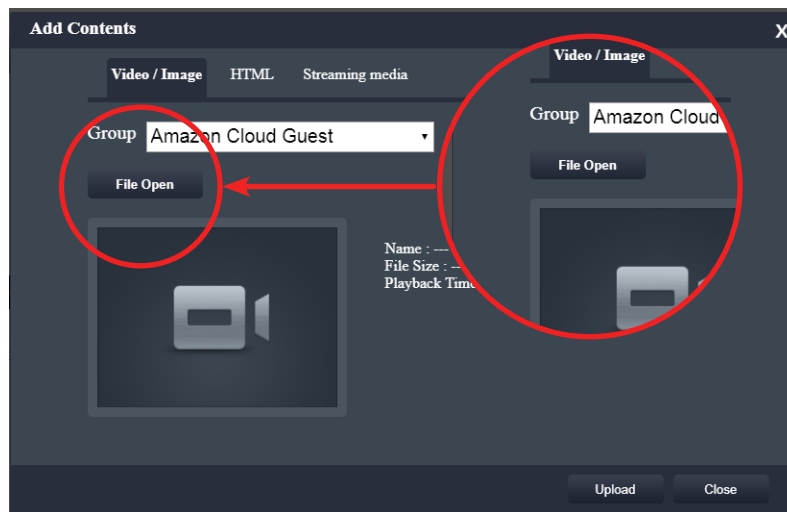## Adding Contents to the Contents Database - Video & Image Files

- To add video or image files from there, first choose the group that you want to add the contents to from the drop down list.
- If there's no particular group to add to, you can skip this step.
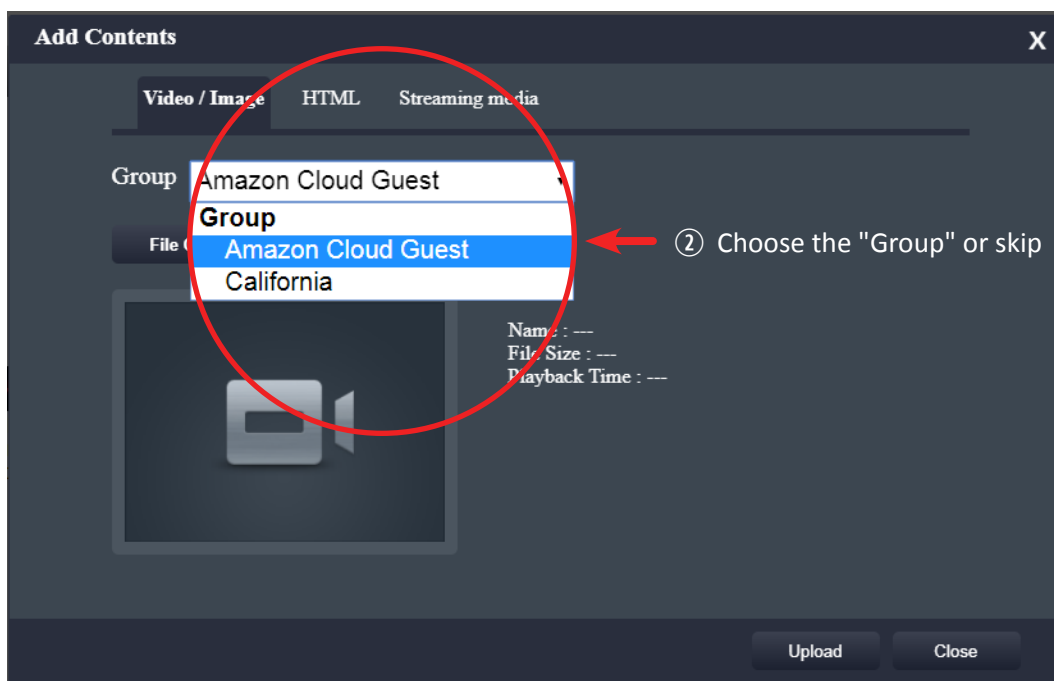
ADDING CONTENTS

Adding Contents to the Contents Database - Video & Image Files

- Once the group is chosen, then click on the "File Open" button. When the files & folders window pops up, simply click on the video or image file you want to upload from the folder that it's stored in and click "open".

③ Click the "File Open" button
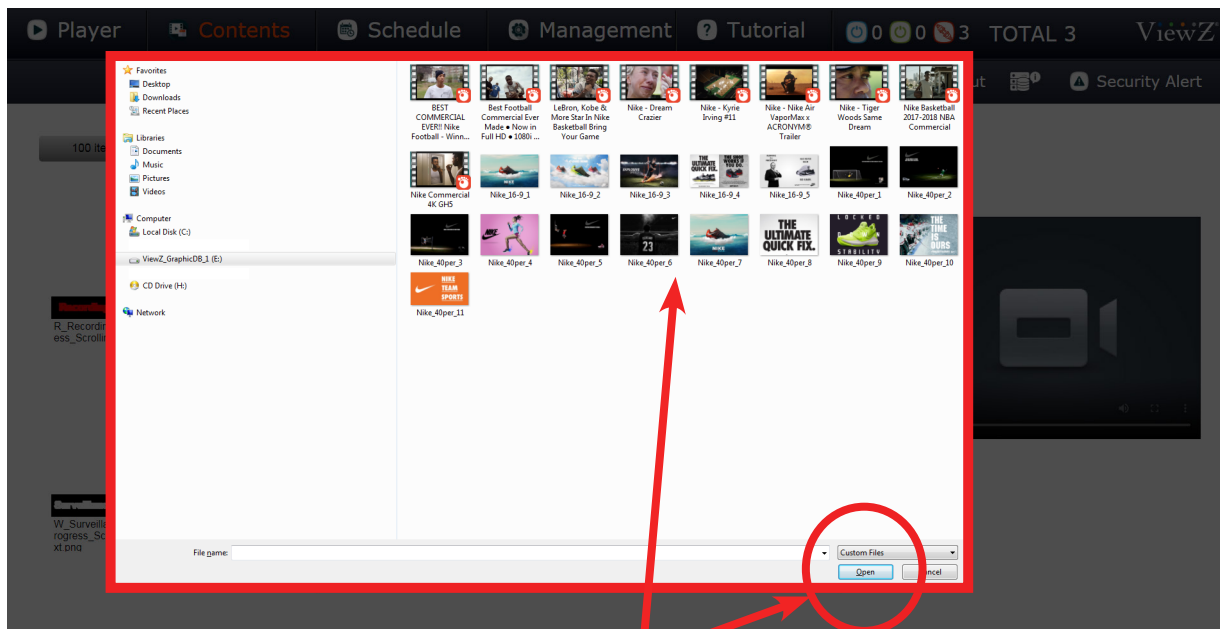
④ Select a file which you want to upload

Click the "Open" button

ADDING CONTENTS
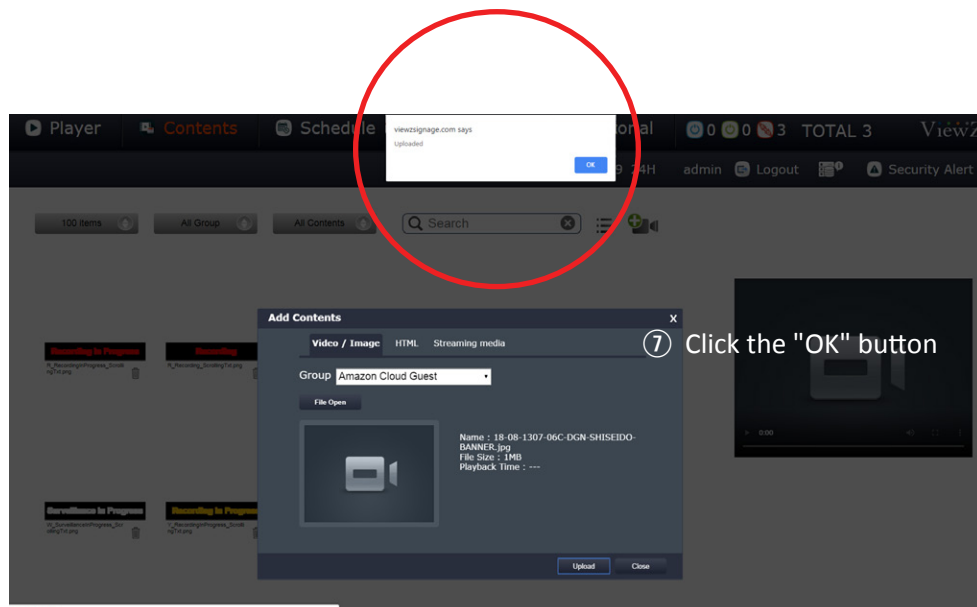
Adding Contents to the Contents Database - Video & Image Files

- Now the pop up window will show the file information including the file name and file size.
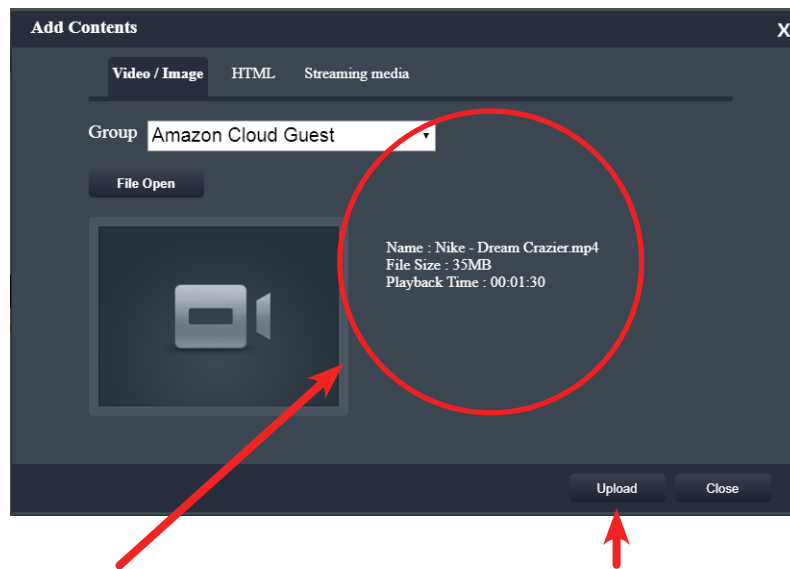
⑤ Check the selected file name & file size   ⑥ Click the "Upload" button

- Click on the "upload" button.
- A small pop up window will come up to confirm that the file has been added.
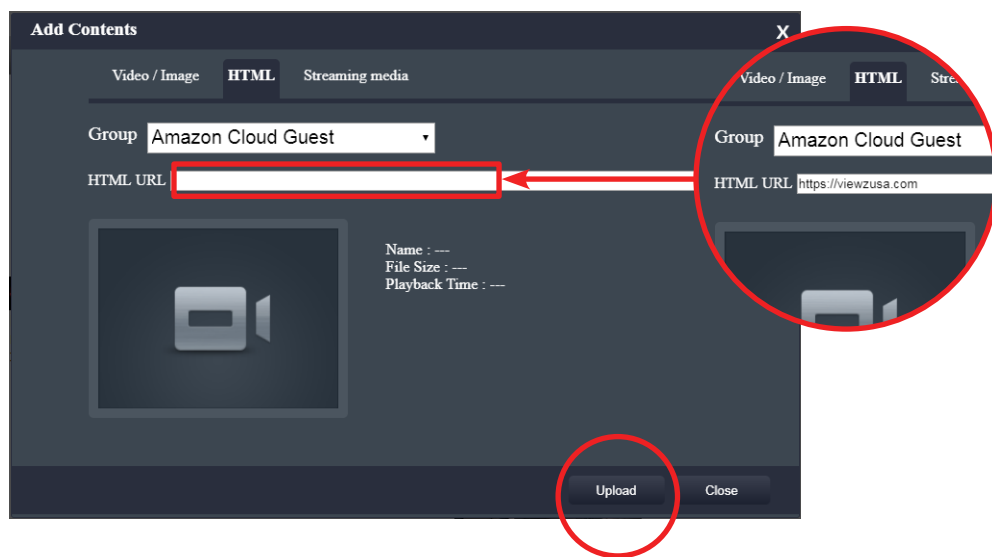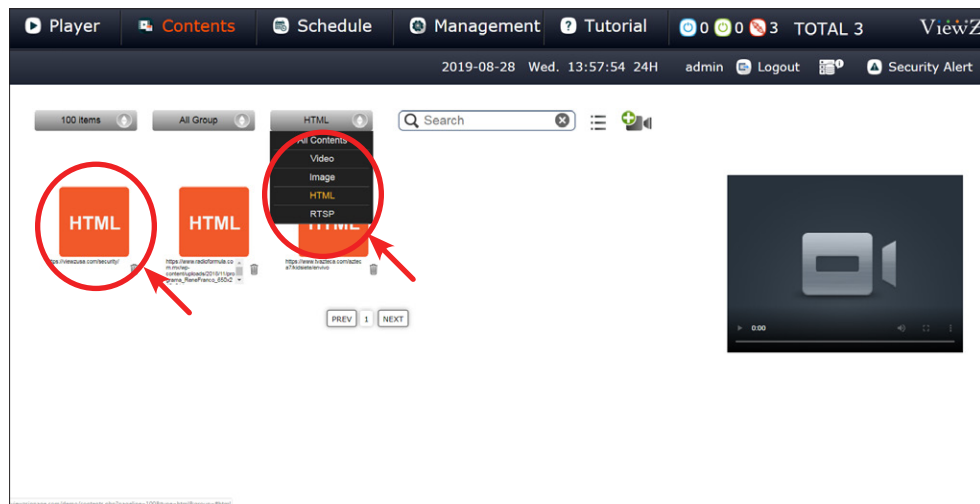

⑦ Click the "OK" button

ADDING CONTENTS

Adding Contents to the Contents Database - HTML Files

- Click on "Add Contents" and when the window pops up, click on the "HTML" tab on the top.
- From there, choose the group to add to from the drop down list or skip the process if there's no particular group to add to.

- Then, enter the HTML URL in the designated section and click "Upload".

ADDING CONTENTS

Adding Contents to the Contents Database - Streaming Media

- To add steaming media content, repeat the same process as adding HTML based contents, except, click "Streaming Media" tab on the top.
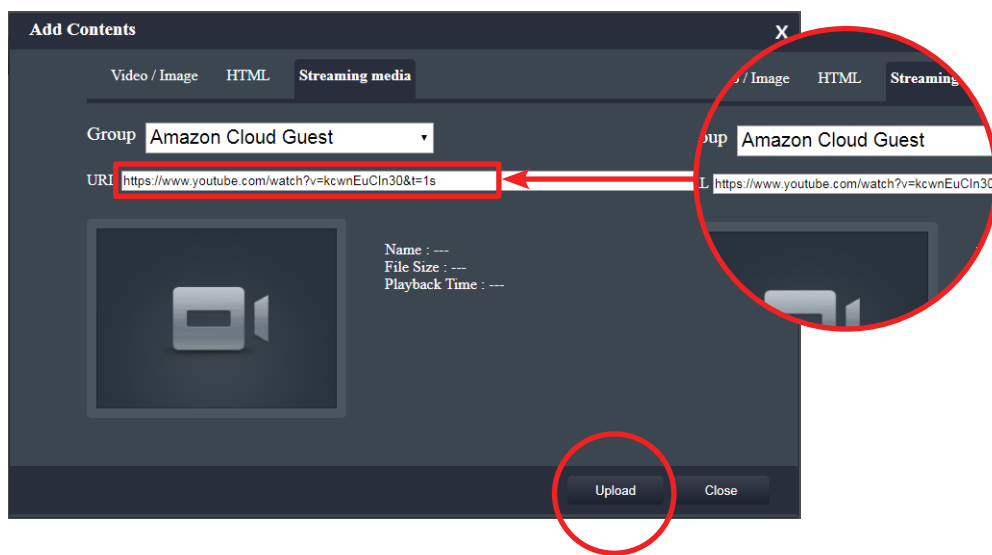
- Click on the "upload" button.
- A small pop up window will come up to confirm that the file has been added.
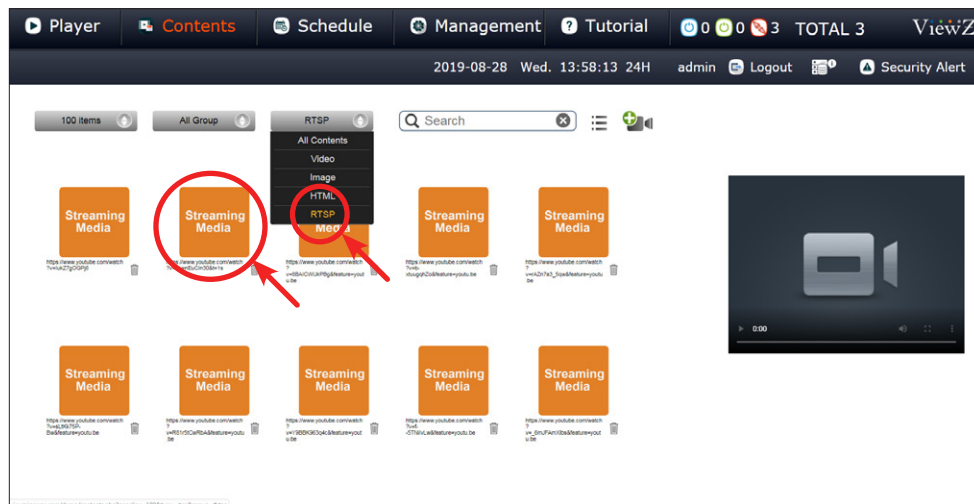
ADDING CONTENTS

Adding Contents to the Contents Database - Streaming Media

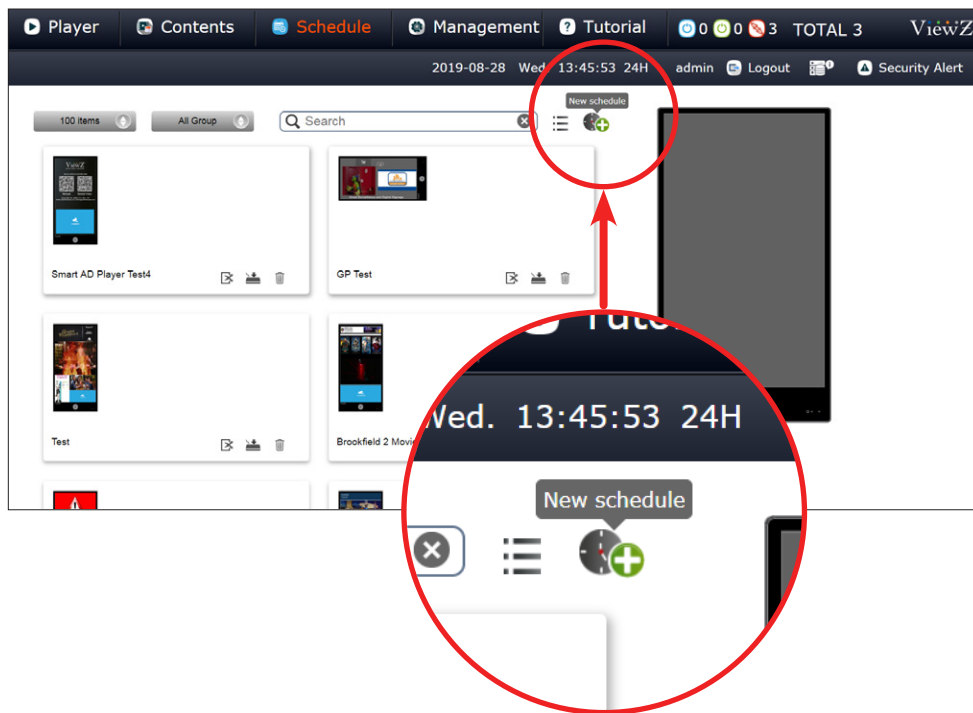- Once the file has been uploaded, it'll be added to the list of available contents.
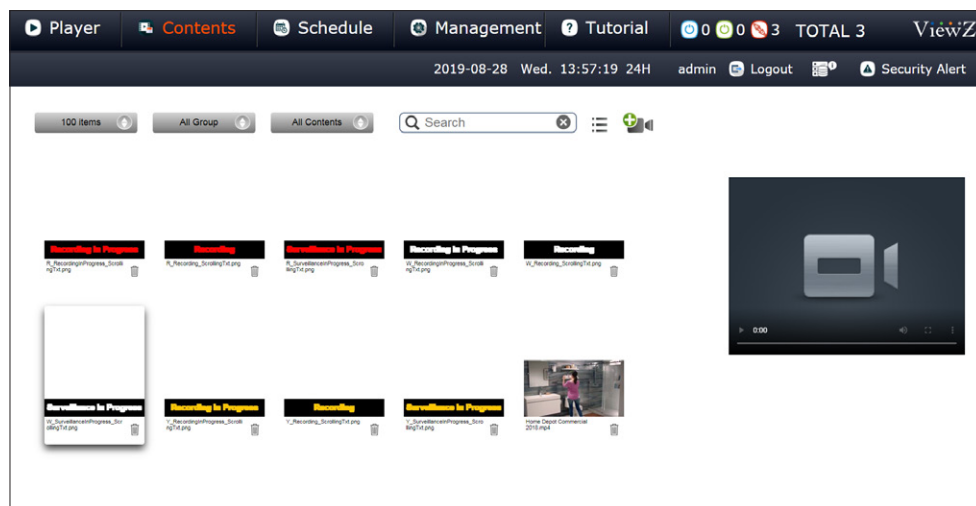
- To preview the uploaded content, simply double click on it. If it's a video file, it'll start playing the video file. If it's an image file, it'll show the image.

Double click to preview
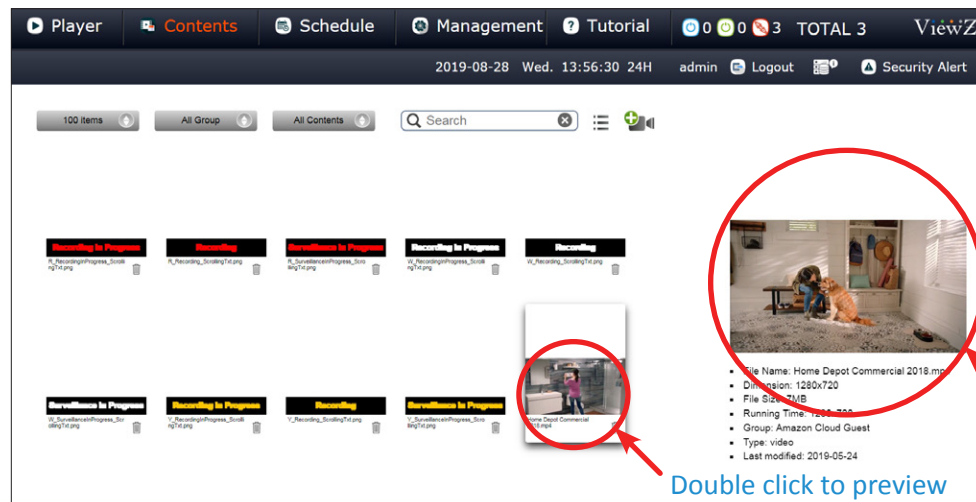
CREATING AN AD

Create an Ad

- In the main software page, simply click on the "Schedule" tab on the top.

① Click the "New Schedule" button

- Once in the "Schedule" section, click on the "new schedule" button, which is depicted with a plus sign next to a clock. That takes you to the new "schedule" creation page.

CREATING AN AD

Add a content

- Once in the new "schedule" creation page, check the circle next to "video/Image". You will see it being added in the mock up Smart AD BOX on the left hand side.

② Check the circle
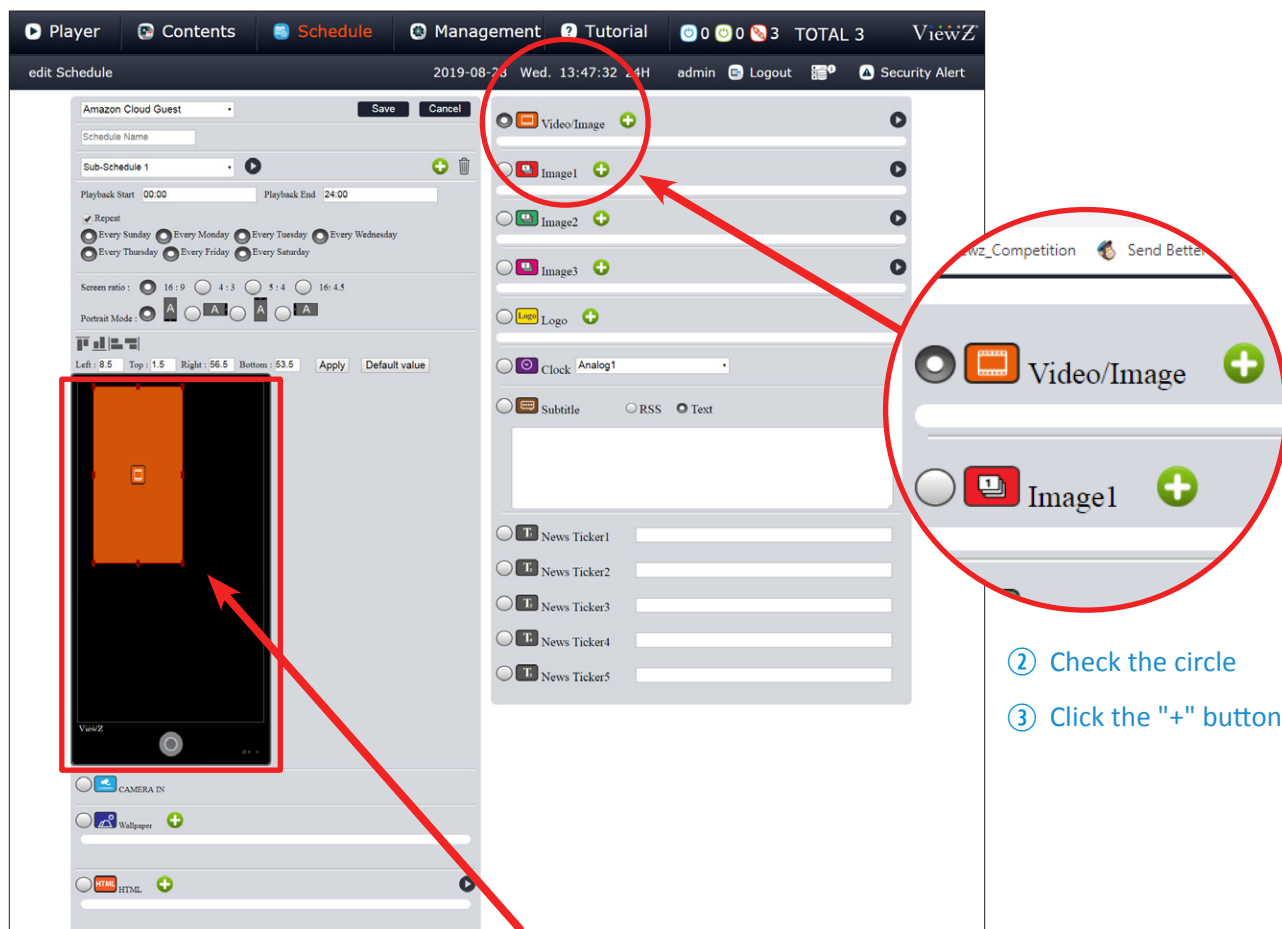
③ Click the "+" button

The content box is added in the mock up

Smart AD BOX

CREATING AN AD

Add a Content

- Then, click the "+" button to add a specific video file or multiple video files from the content database.

⑤ Click the "X" button to exit
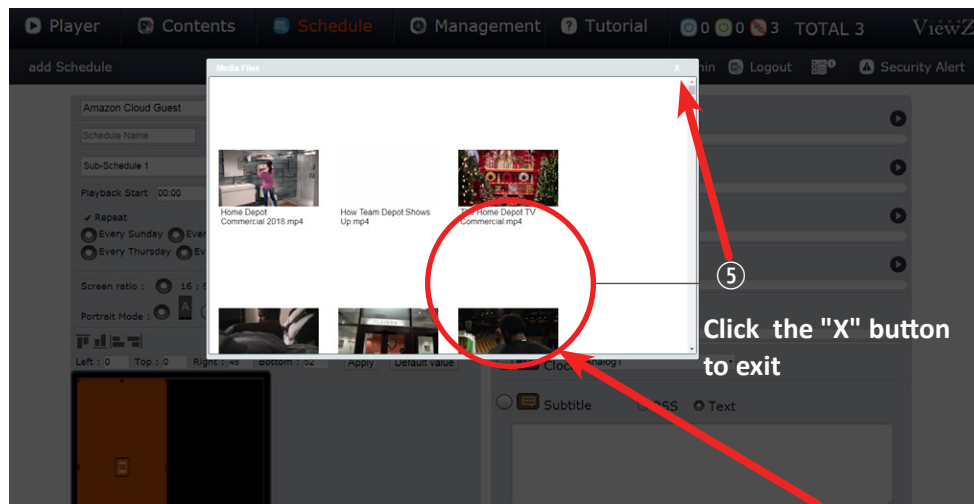
④ Click the "Video" file icon to add

- Be sure to note that when more than one video is added, the videos will play in sequence in a loop.
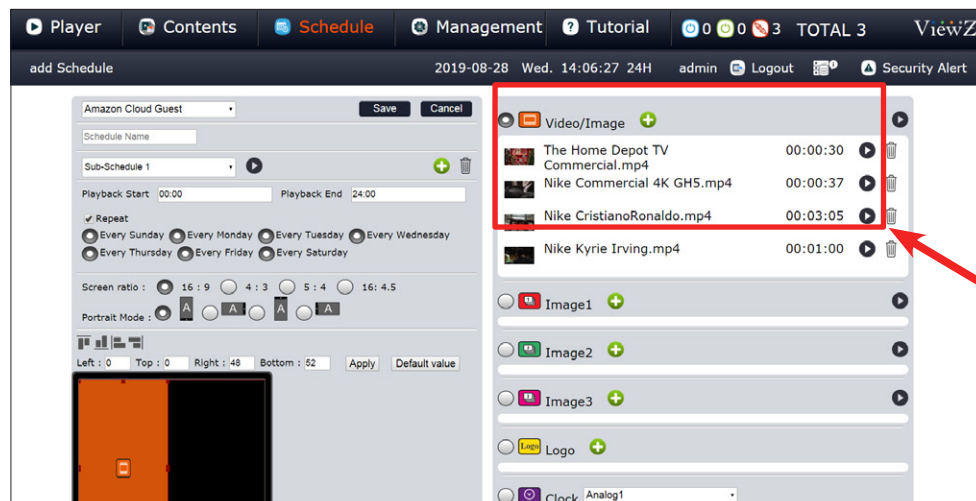
CREATING AN AD

Add a Content

- There are three different image file sections, indicated as Image 1, 2 and 3. Each section lets you add one or multiple image files from the content database.
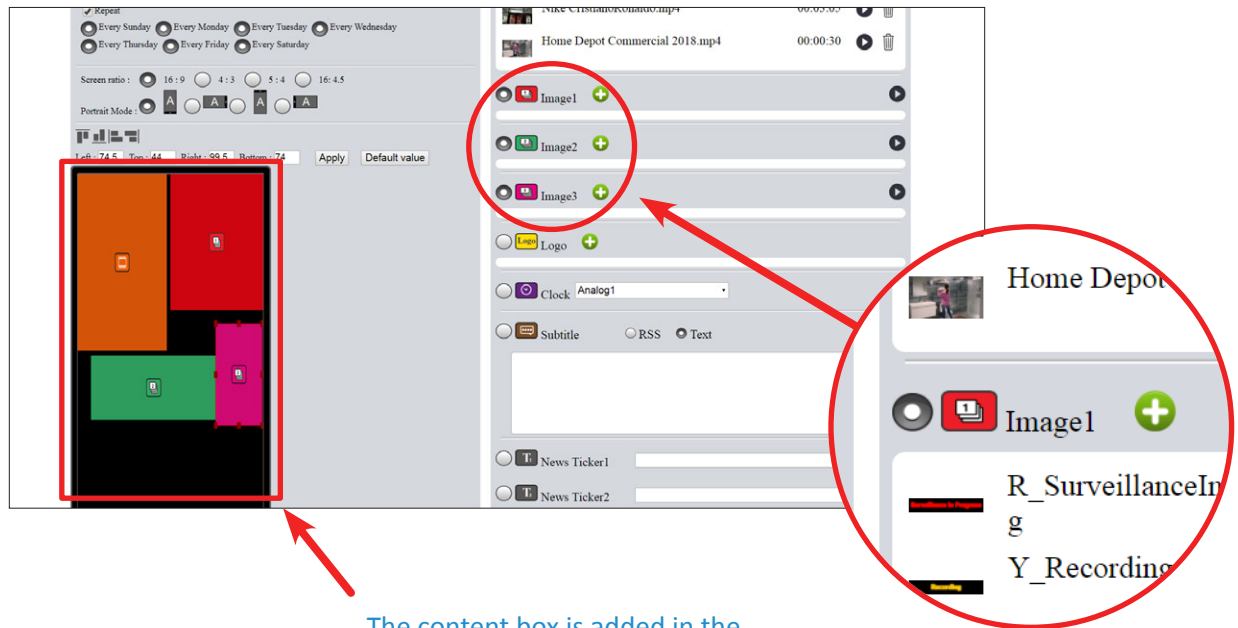
The content box is added in the mock up Smart AD BOX

⑥ Check the circle of Image 1,2,3

⑦ Click the "+" button

CREATING AN AD

Add a Content

- As with the video file section, if you choose more than one image file for the same section, images will sequence in a loop and switch at a time interval that you can custom set.

Click the "X" button to exit
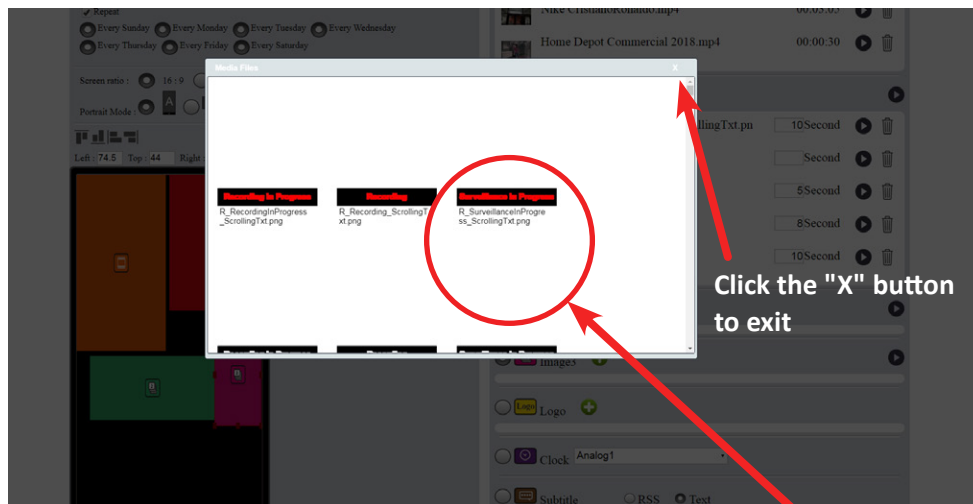
⑧ Click the 'Image' file icon to add
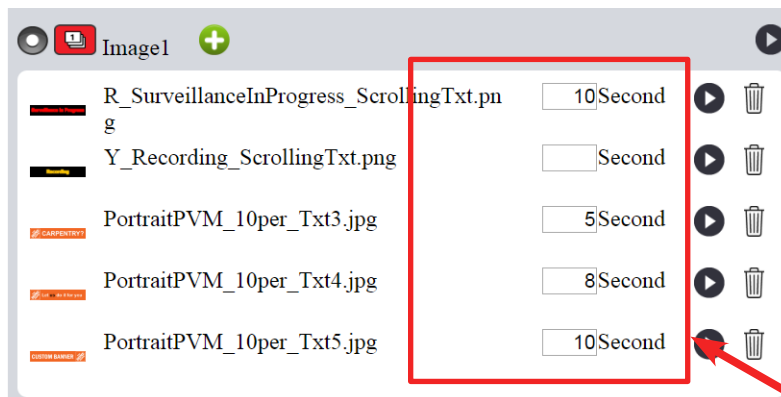
⑨ Enter the playing "Time"

- The default is 10 seconds. If you want to show more than one image file simultaneously, enable image sections 2 and 3 and choose the image files from the date base as you did with image section 1.

CREATING AN AD

Add a Content

- Check the circles next to any of the other contents you want to add including a logo, clock widget, subtitle, news ticker, camera, wallpaper and HTML. Once you circle them, you'll see them populate in the mock up BOX section as you did with the video and image files earlier.
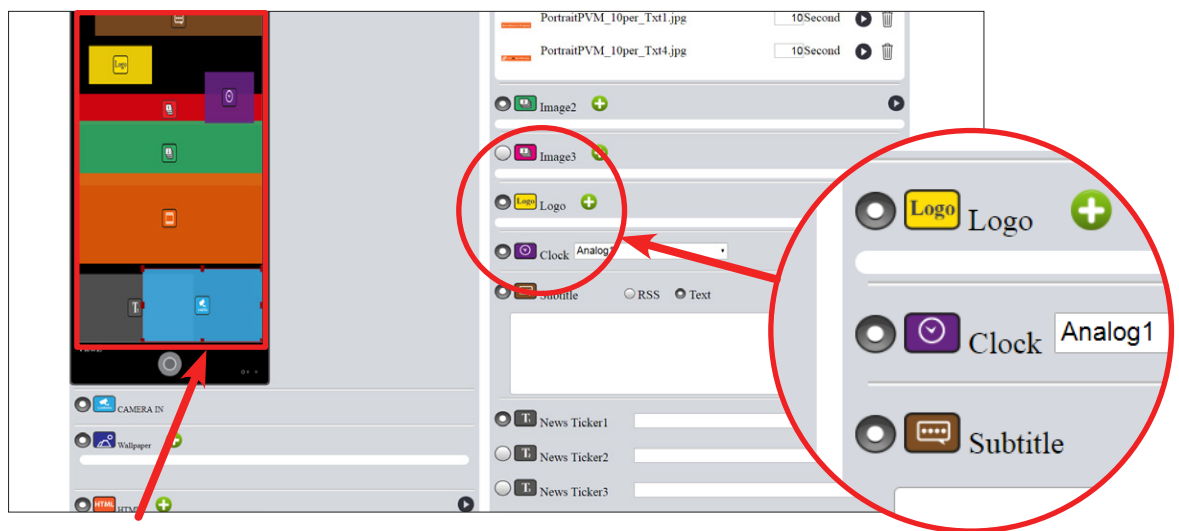
The content box is added in the

mock up Smart AD BOX

⑩ Check the circle of Image

⑪ Click the "+" button to add content or

Enter subtitle / news ticker address

⚠ Caution - Content Hierarchy & Supported File Format

Content layer order - Wallpaper < HTML < Image1 < .. < Image3 < Logo < Clock < Subtitle < News Ticker1 < ... < News Ticker 5 < Video/Image < CAMERA IN

Video/Image - **MP4**, **AVI** & **MKV** file format support
News Ticker - **Web address** support
Subtitle - Type-written **text**
Clock - **Analog 1, 2, 3 & Digital** format support
Logo - **JPG, PNG** & **BMP** file format support
Image - **JPG, PNG** & **BMP** file format support
HTML - **Web address** or **HTML** file support. The content box will not show in the mock up. It will cover the entire screen based on the order of layer.
Wallpaper - **JPG, PNG** & **BMP** file format support. The content box will not show in the mock up. It will cover the entire screen based on the order of layer.

CREATING AN AD

Design a Layout

- Once you have all the desired contents populated in the mock up BOX section, you can place them and scale them as necessary.
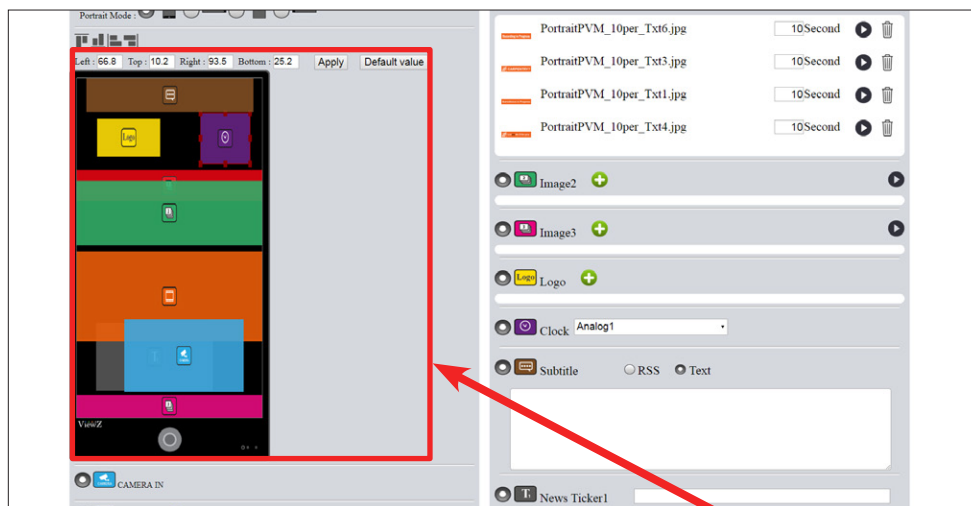
⑫ Edit the layout of contents

- So for instance, if you want to have the video file take up the top 1/3rd of the screen area, simply drag it to the desired position and scale it by clicking on it once and then shrinking it or enlarging it from any of the 4 corners. Repeat the same process with any of the other files you added.
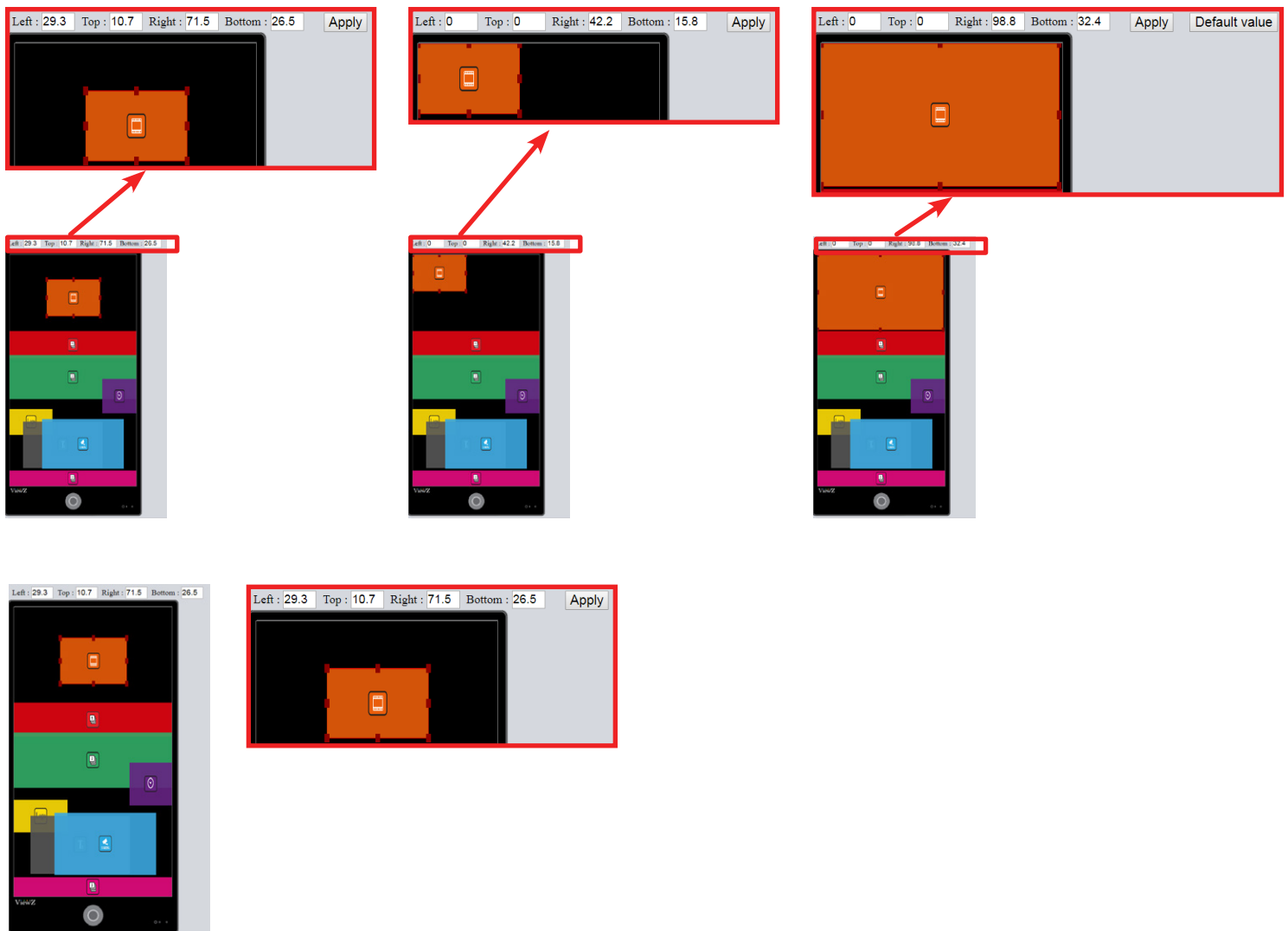
Relocate　　　　　Shrink　　　　　Enlarge
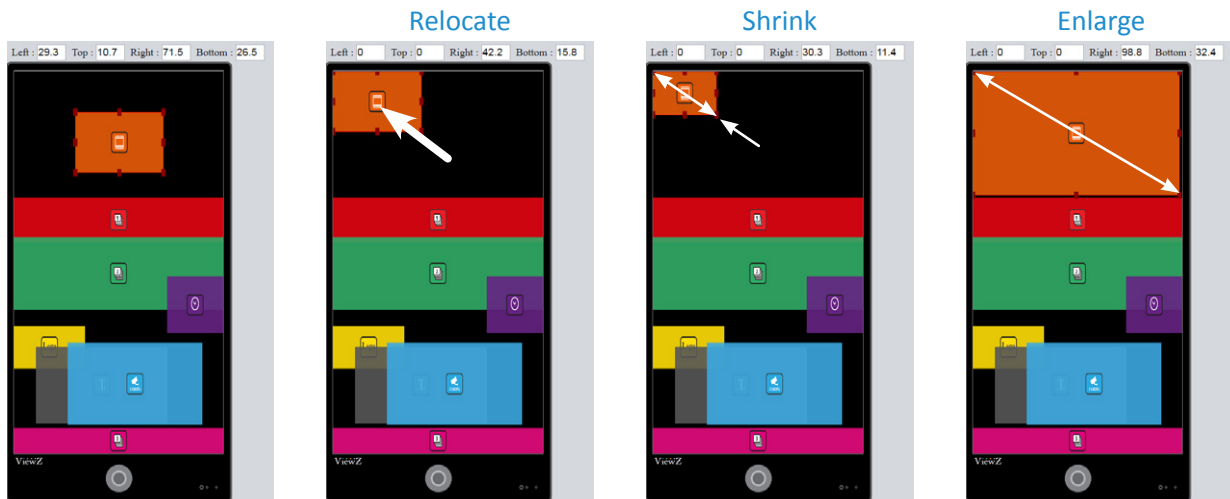
⑬ Locate, shrink & enlarge

CREATING AN AD

Design a Layout

- You can also place them and scale them by entering specific numeric values in the boxes designated "left", "Top", "Right" and "Bottom" as demonstrated in pictures below.

❗ Note

Numeric values entered in "Left", "Top", "Right" and "Bottom" represent percentage.

CREATING AN AD

Design a Layout

- You can set the screen ratio by checking the circle next to one of the 4 options - 16:9, 4:3, 5:4 & 16:4.5 .

16 : 9   4 : 3   5 : 4   16: 4.5
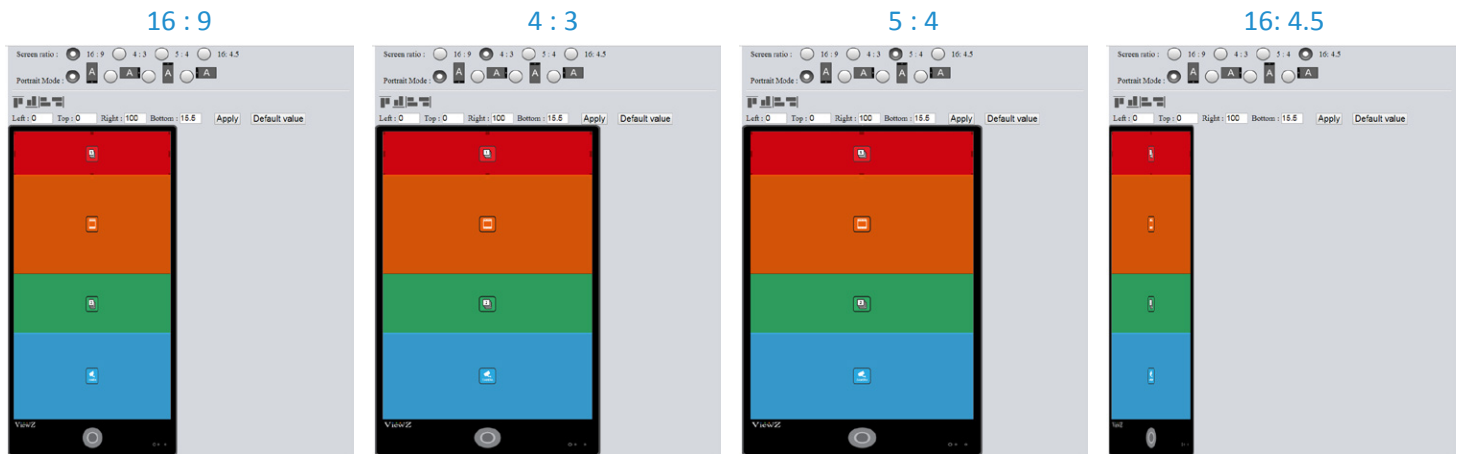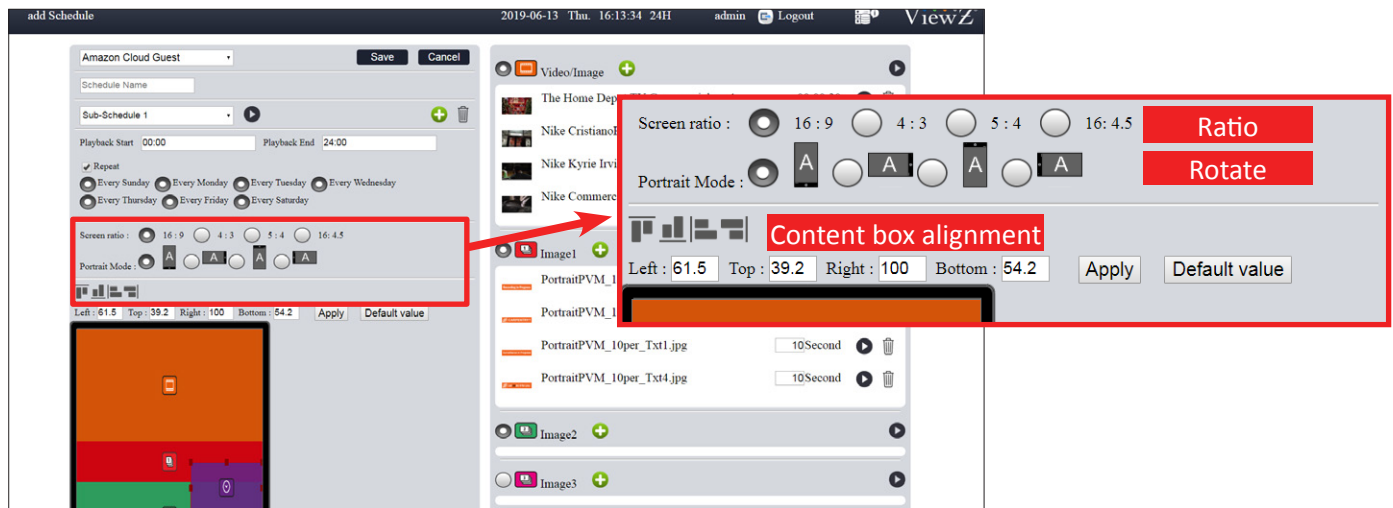
! Note

The default aspect ratio is 16:9.

CREATING AN AD

Design a Layout

- You can also set the screen orientation by checking the circle next to one of the 4 options as shown below.
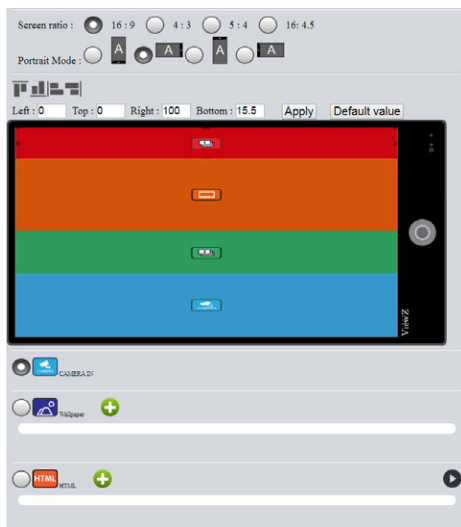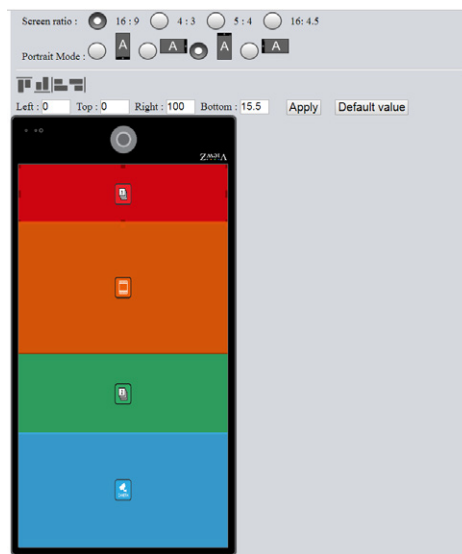
270⁰ (-90⁰)   180⁰   90⁰
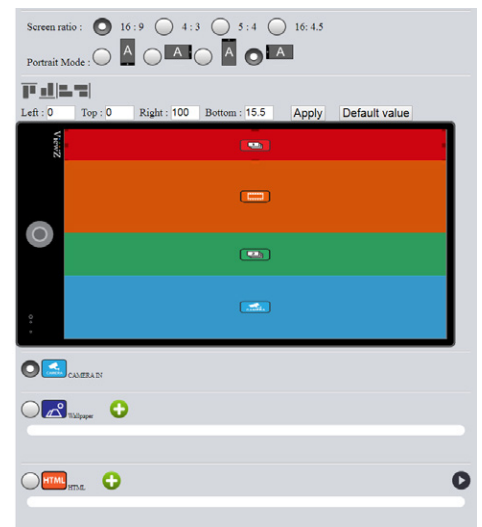
CREATING AN AD

Design a Layout

- You can align all content by clicking one of the four alignment options as shown below.

Original

Click the "Top" alignment button
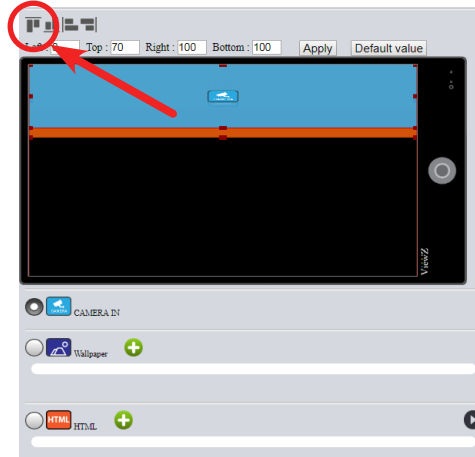
Click the "Bottom" alignment button
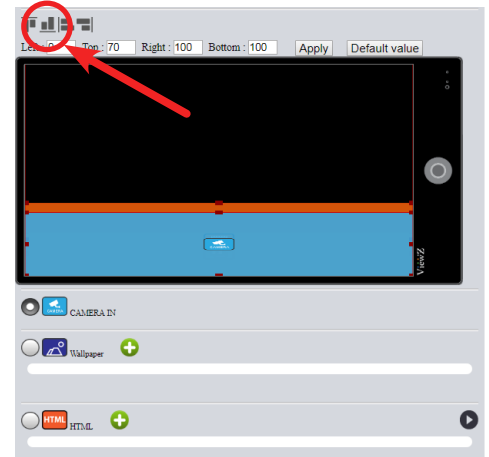
Original
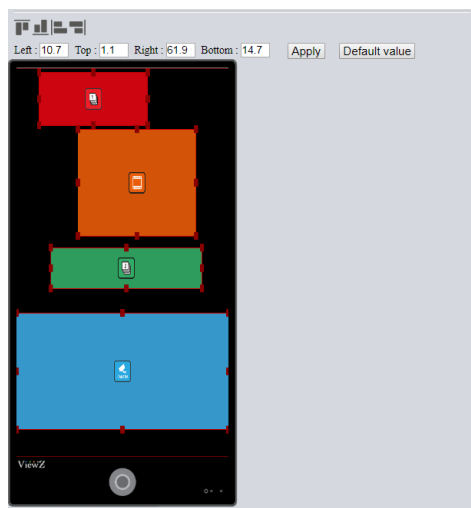
Click the "Right" alignment button
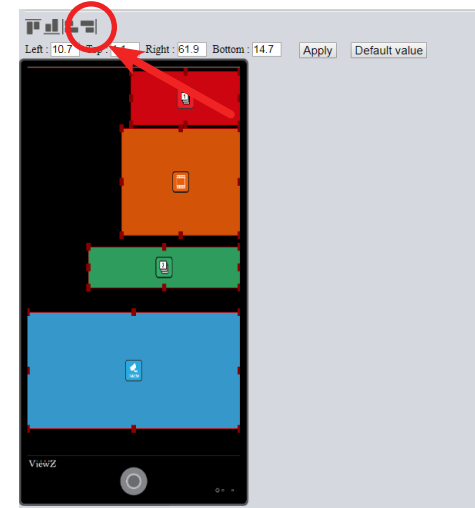
Click the "Left" alignment button
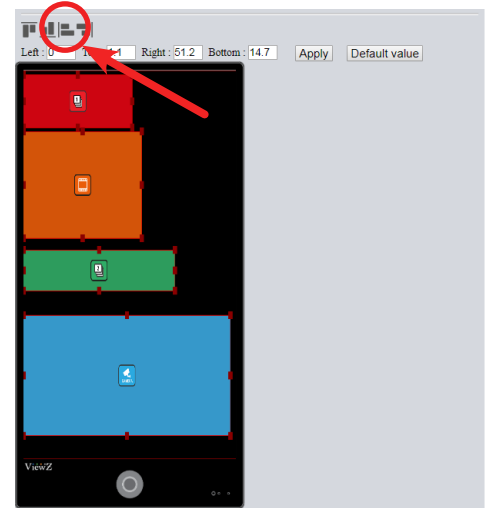
CREATING AN AD

Save a Schedule

- Once everything has been added, placed and scaled as desired, name the ad by typing it in the "schedule name" section and save it by clicking the "save" button.
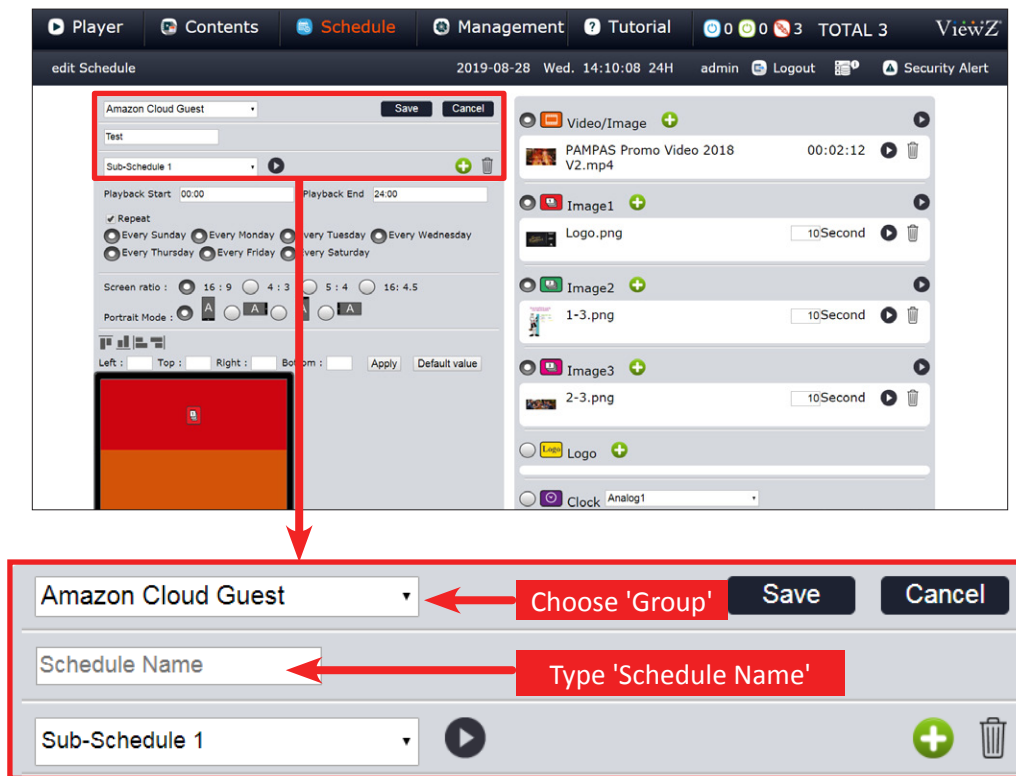
- If you want the ad to belong in a specific "group", make sure to choose the proper "group" from the drop down list as shown here.

Preview

- Click on the 'Play' button which is depicted with a ▶ sign next to a 'Sub-Schedule 1' drop down box.
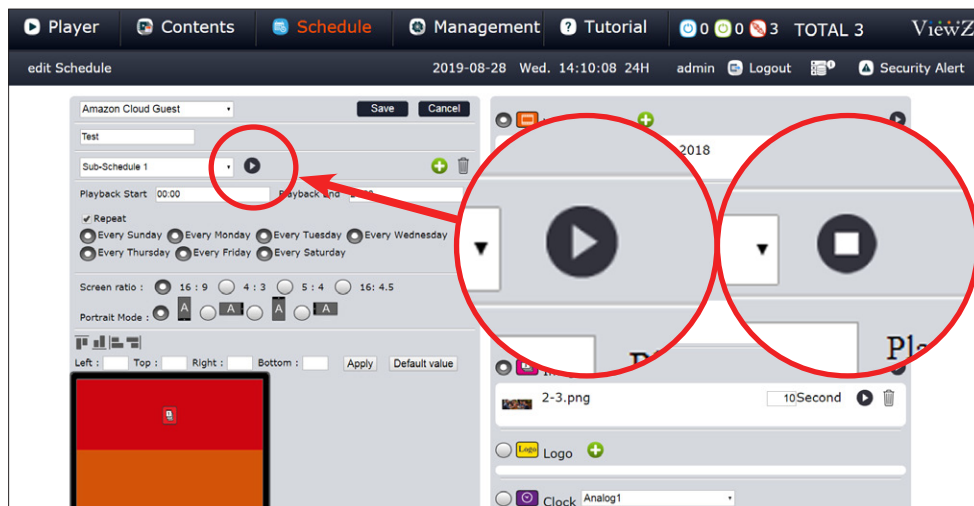
To run preview, click the ▶button

To stop preview, click the ■ button
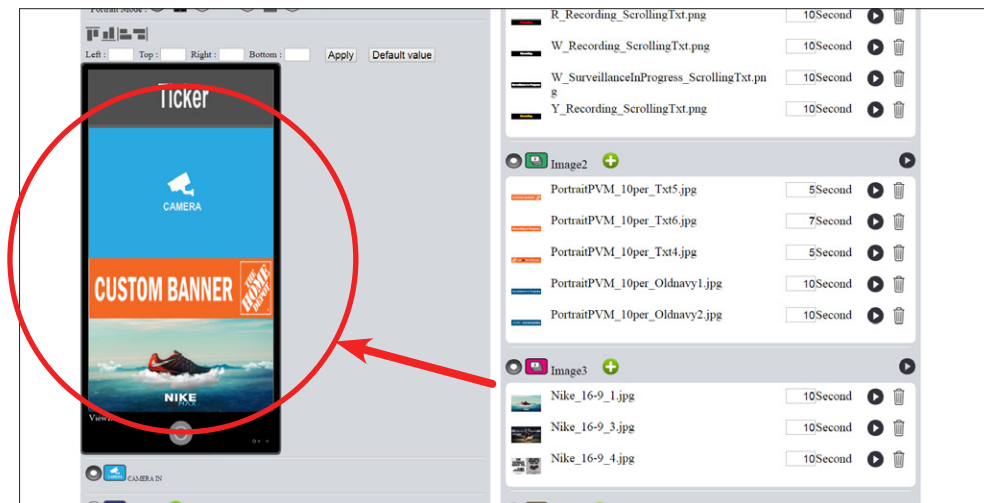
You can see the preview on mock up Smart AD BOX

CREATING AN AD

Preview

- After saving the newly created ad, click on the "Schedule" tab on the top.
- Double click the ad to see the preview on the mock-up BOX on the right.

Click or double-click the preset icon

You can see the preview of saved ad on the mock up Smart AD BOX
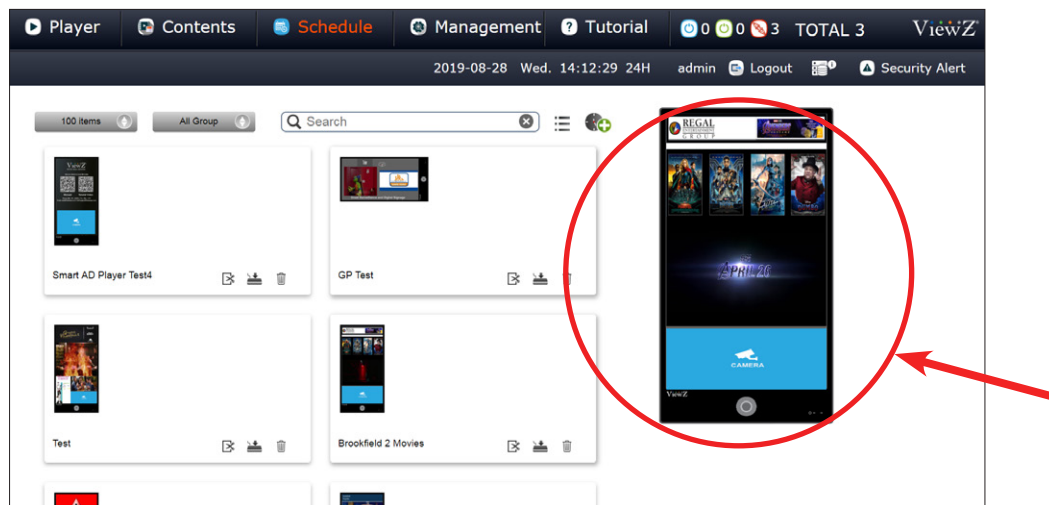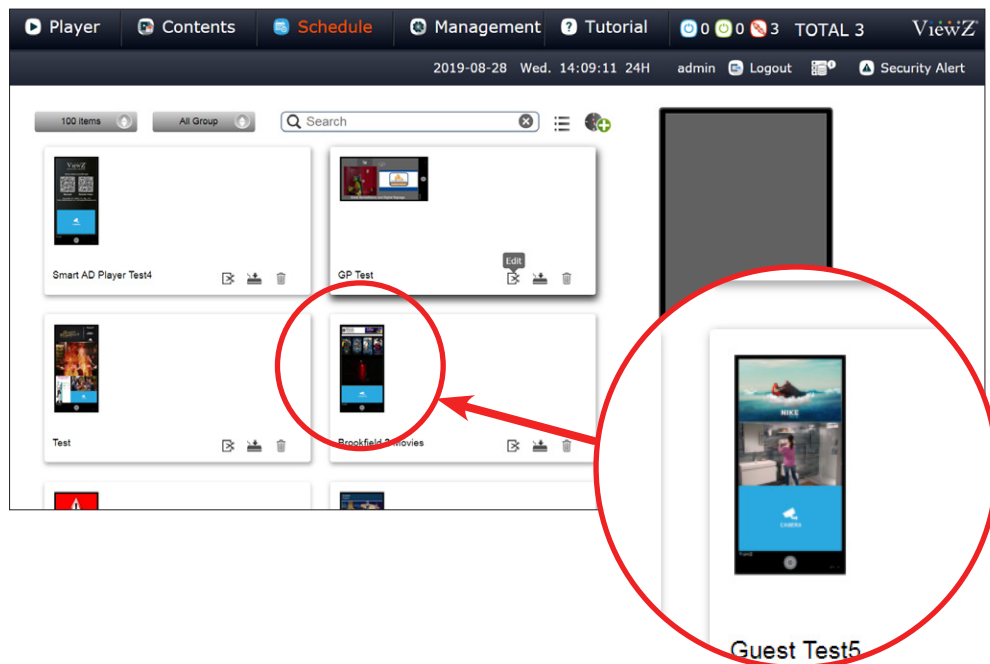
CREATING AN AD

Deploy/Play an AD on BOX

- In the schedule page, click on the "Deploy" button of the ad that you want to deploy as shown below.
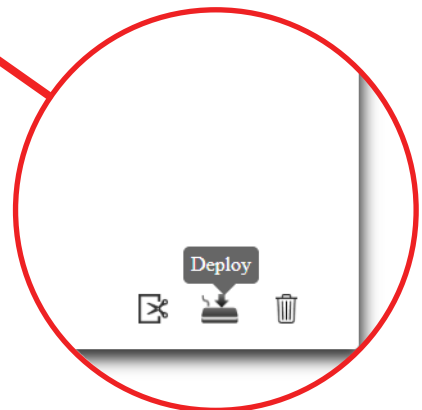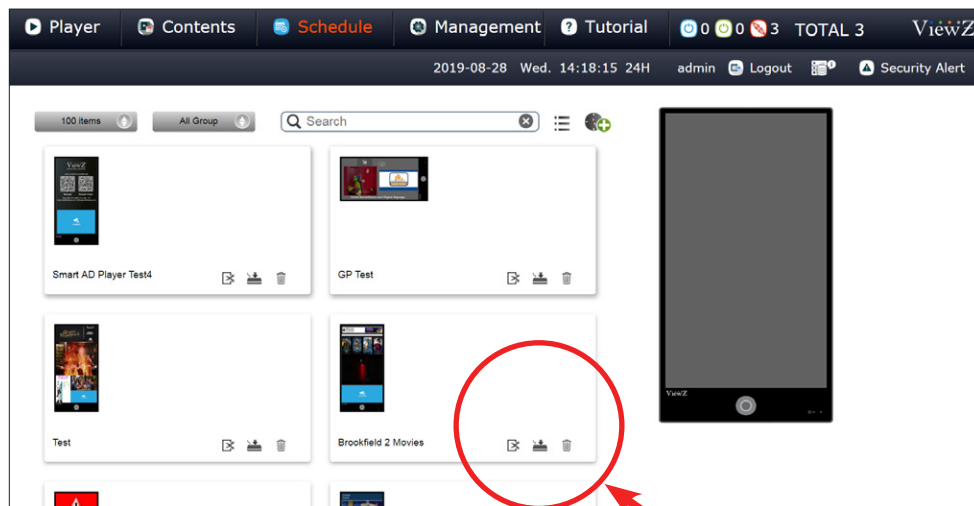
Click the "Deploy" button

CREATING AN AD

Deploy/Play an AD on BOX

- Once you click the "Deploy" button, a window will pop up. Within the window, check the box & click the "Deploy" button as shown below.
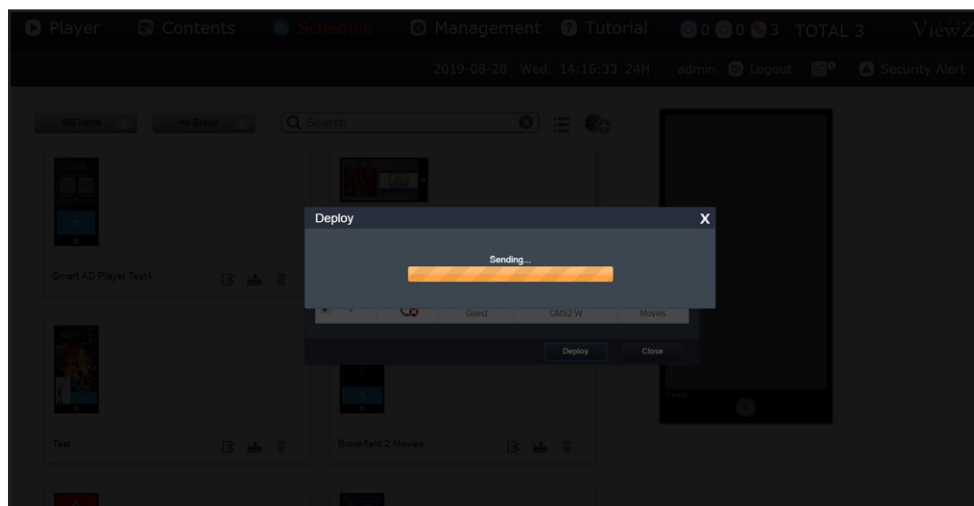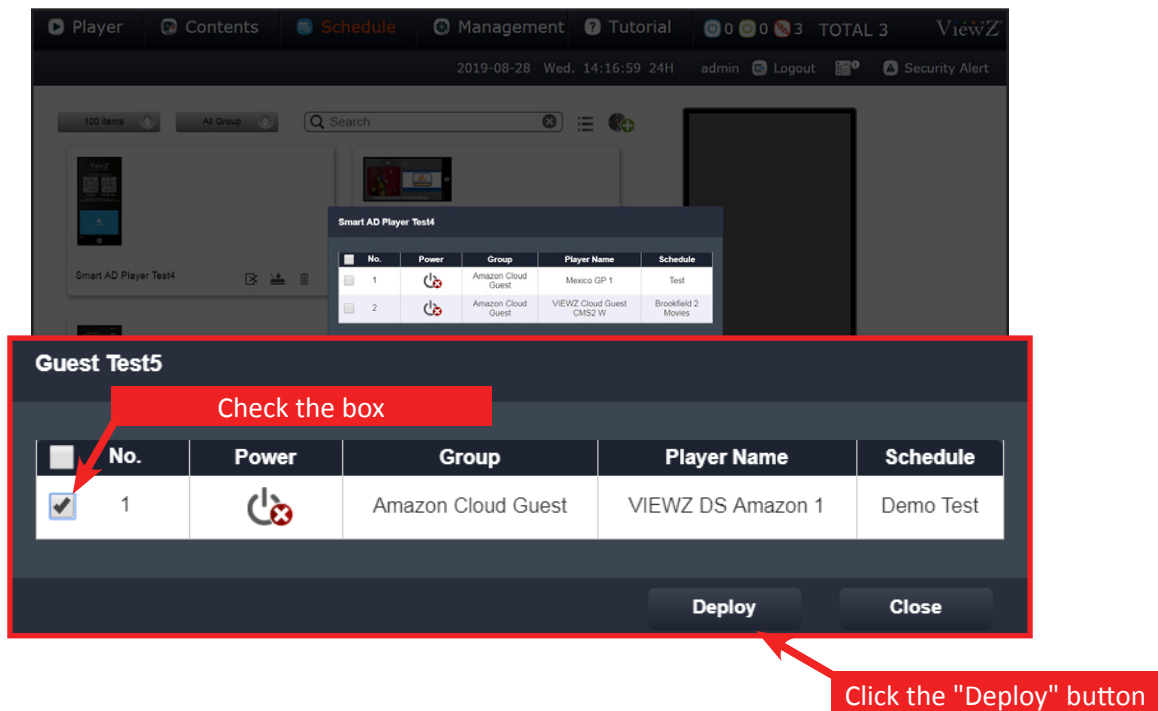
- After clicking the "Deploy" button, another window will pop up and show the progress of deployment. Once this process is completed, you will see the newly deployed ad playing on the device.

SETTING SCHEDULE FOR ADs

Edit a Schedule

- In the main software page, click on the "Schedule" tab on the top.
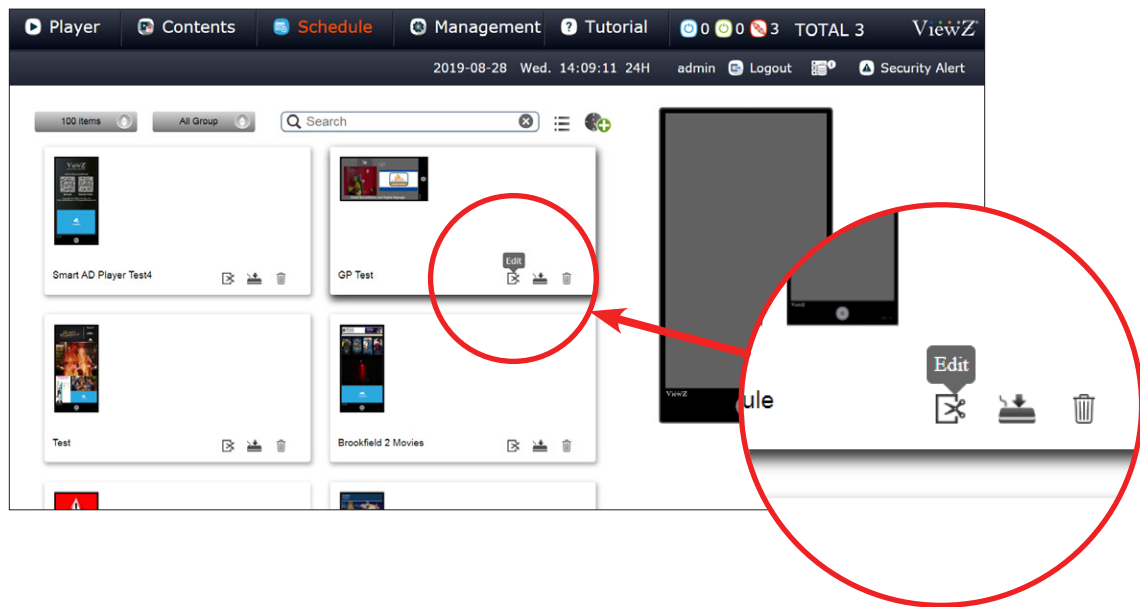
① Click the "Edit" button

- Once in the "Schedule" page, choose the ad in the list of ads that you want to assign a running schedule to and click on the "edit" button, which is depicted with a paper & scissors symbol.

SETTING SCHEDULE FOR ADs

Edit a Schedule - Start / End Time

- Once in the edit page, define the running time per day by inputting the start time and end time in "Playback Start" and "Playback End" respectively. Since there's no AM or PM designation, please use military time when inputting time in both the sections. If you want the ad to run continuously, you can leave these sections untouched.

② Type the "Playback Start" time by using military time

Type the "Playback End" time by using military time

SETTING SCHEDULE FOR ADs

Edit a Schedule - Choose a Specific Day to Run

- If you want the ad to run only on specific days of the week, only check the circles next to those particular days. If you want that pattern to repeat every week continuously, check the box next to "Repeat". Otherwise, if you check all 7 days of the week and check "Repeat", the ad will run continuously without any interruption.

③ Un-check the circle to remove a day

④ Check the circle to add a specific day of week

⑤ Check the "Repeat" to repeat this pattern every week continuously

SETTING SCHEDULE FOR ADs

Edit a Schedule - Run More Than One AD on a Given Day

• If you want to run more than one ad on a given day, first click on the "+" sign in the "Sub Schedule" section to add sub schedules.
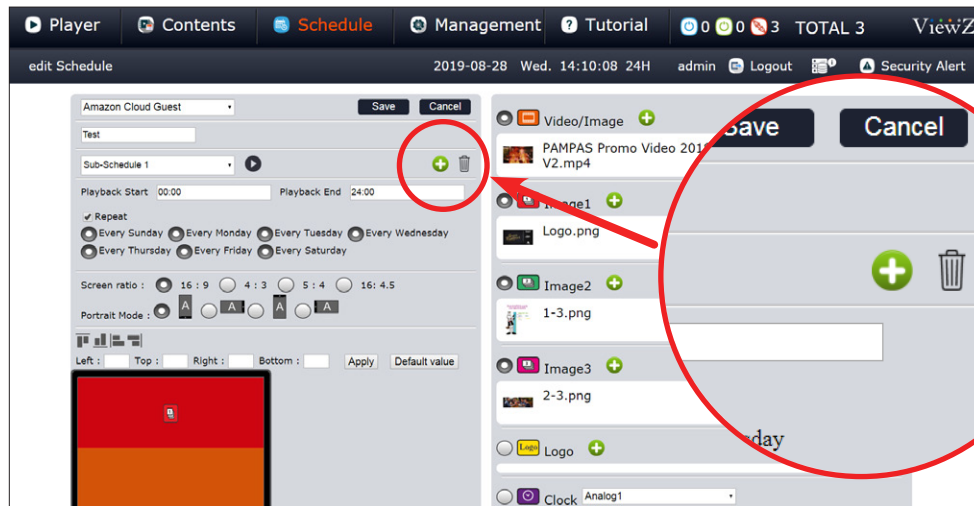
⑥ Click the "+" button

• Once you've added a desired number of "Sub Schedules", define each one by inputting the playback start and end time by filling in the "Playback Start" and "Playback End" respectively.
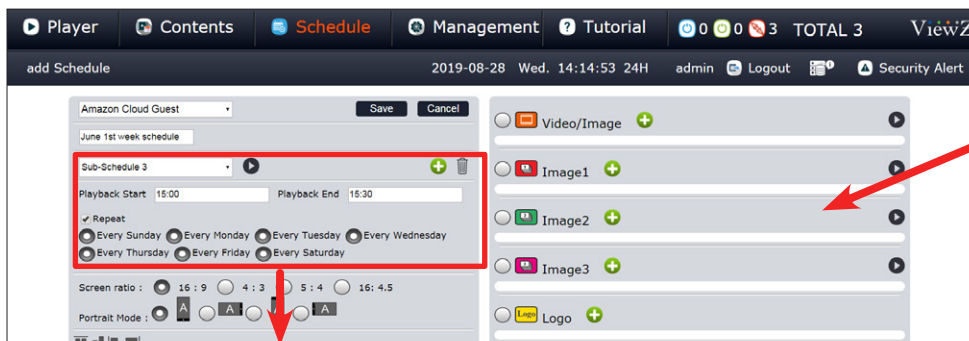
⑧ Add media onto the new sub-schedule.

⑦ Type "Playback Start & End" time based on sequential time-line. You can add unlimited sequential time-line within 24 hr/day

SETTING SCHEDULE FOR ADs

Edit a Schedule - Run More Than One AD on a Given Day

- Once done setting up a sub-schedule, click the "Save" button to save it. Go back to the main Schedule page by clicking the "Schedule" button. You'll now see graphic representations of the newly added sub-schedules for that play-list.
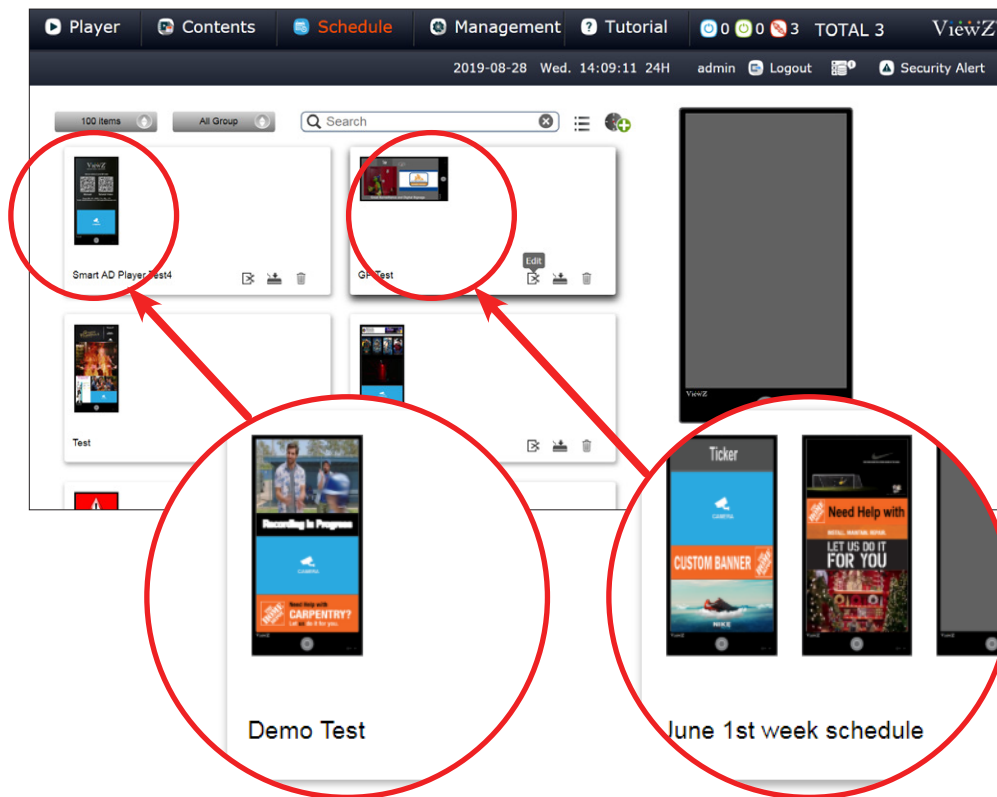
A schedule without sub-schedule   A schedule with sub-schedule

ACCESSING THE USAGE REPORT

Access the Usage Report

- Smart AD BOX's CMS software has the ability to keep a tally of how long each video or image file has been running. This is so that if you're charging per each file the advertising fee, you can charge based on the tally of total hours it ran within a billing period.
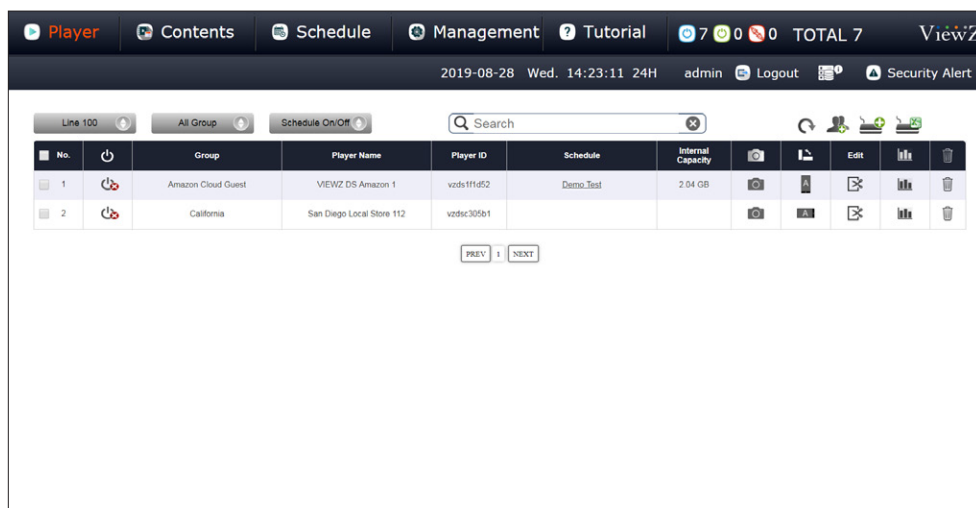
- To access the usage report, click on the "Player" tab on the top in the main software page. Once in the "Player" page, choose the device from the list of devices that you want to get the tally from.
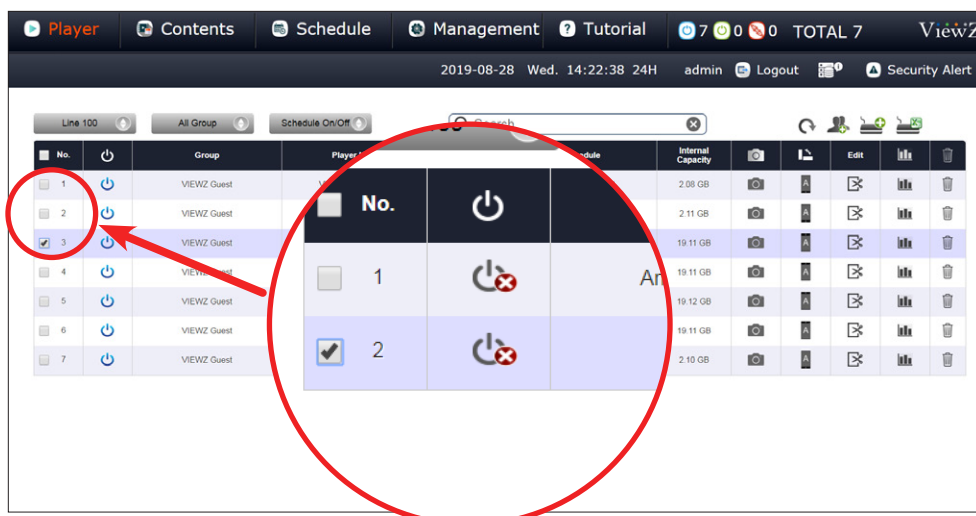
① Check a box from the list of devices that you want to get the tally from

ACCESSING THE USAGE REPORT

Select a Smart AD BOX

- Once the device is chosen, click on the "usage log" button which is depicted by a graph.

② Click the "Usage Log" button

ACCESSING THE USAGE REPORT

Export

- You will now see a list of all the different contents that are running on the player. Each line will show a content, playing time shown in seconds, playing time shown in hours, minutes and seconds and the media type among other things.

③ Click the "Export to XLS" button

- To export this information to Excel, simply click on the "XLS" button. The Excel file will pop up on the bottom on the browser as shown. Click on it to bring it up and then click "Save" to save it as a file.

SECURITY ALERT

Setting up security alert

- In the main software page, click on the "Security Alert" tab on the top.

① Click the "Security Alert" button

SECURITY ALERT

Setting up security alert

- Once in the "Security Alert" page, select one of the content boxes that you want to assign a security alert image or video to, which is depicted with a + symbol.
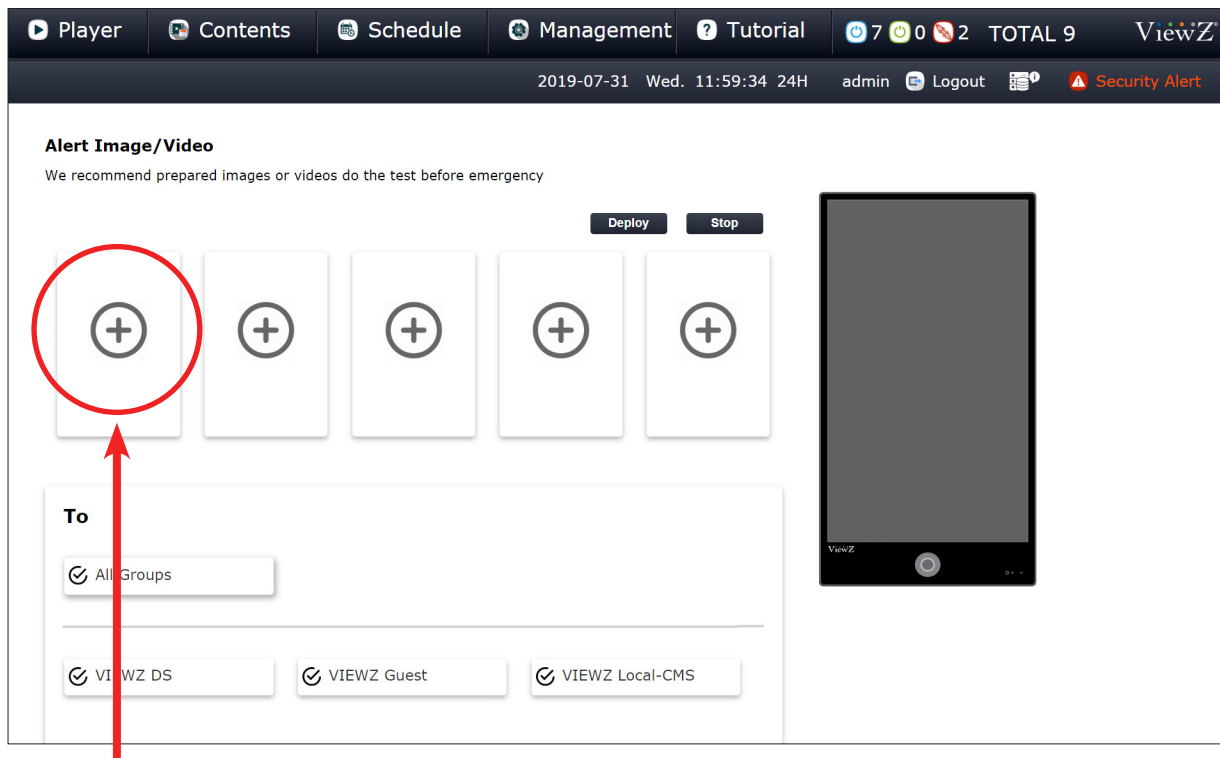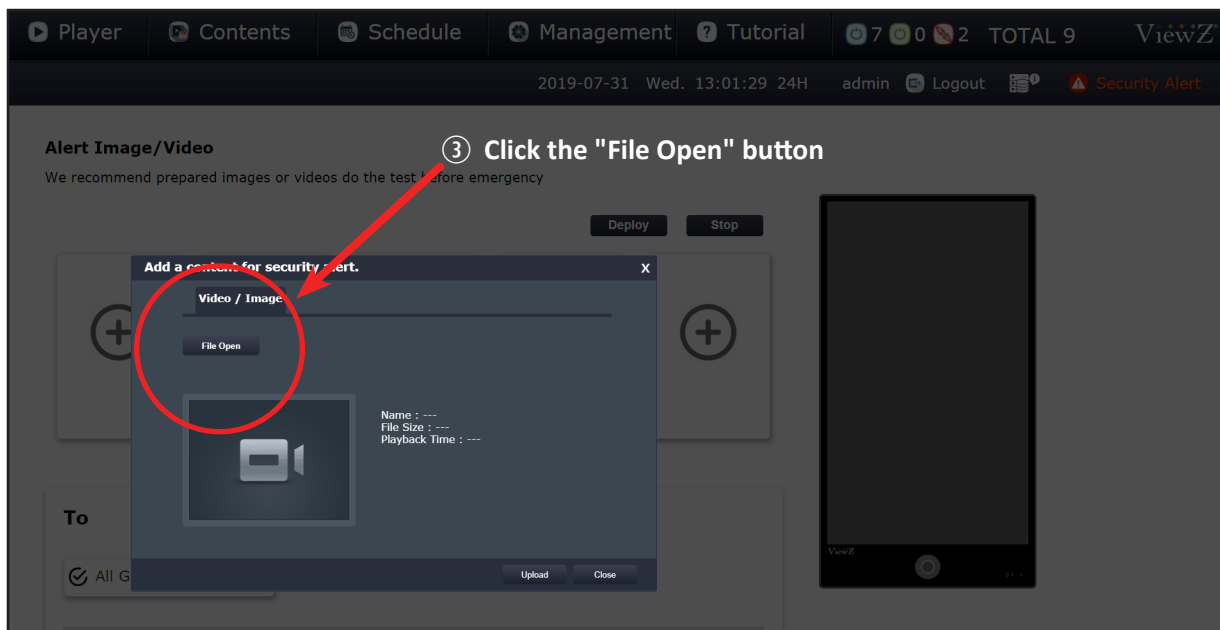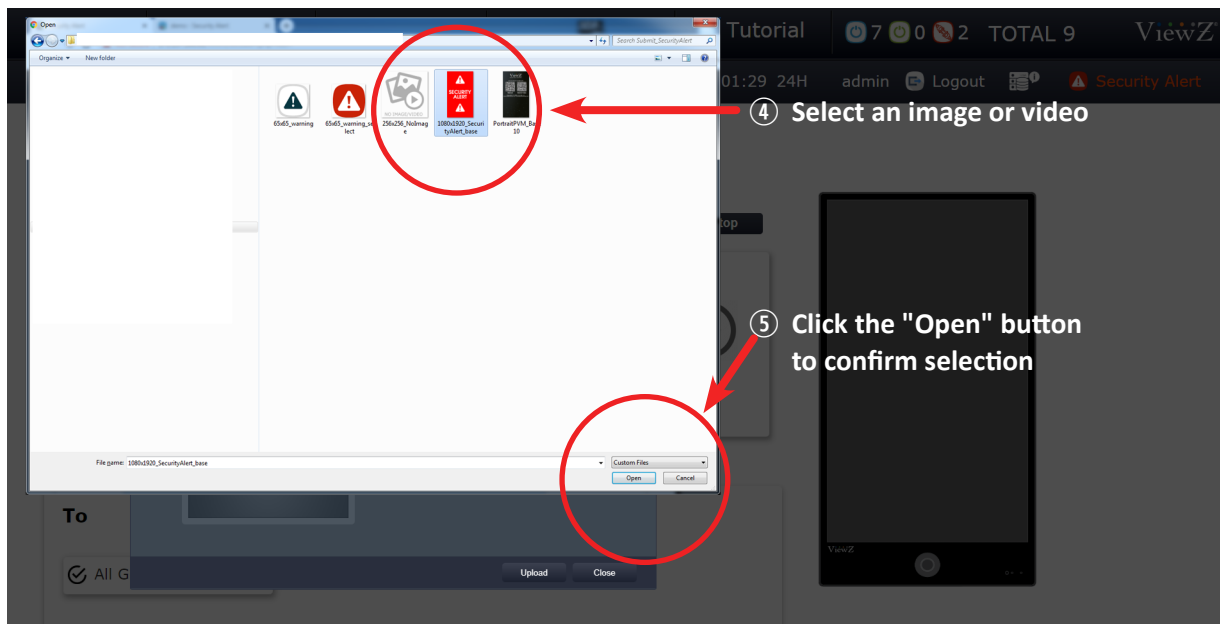

② Click the "+" button

SECURITY ALERT

Setting up security alert

- Once you click the "+" button, a window will pop up. Within the window, click the "File Open" button as shown below.


- Once you click the "File Open" button, a window will pop up. Within the window, select an image or video to set up the security alert sign.

SECURITY ALERT

Setting up security alert

- Once you confirm the file size and name, click the "Upload" button to upload an image or video on the CMS server.

⑥ **Confirm the file size & name**

Name : 1080x1920_SecurityAlert_
File Size : 1MB
Playback Time : ---
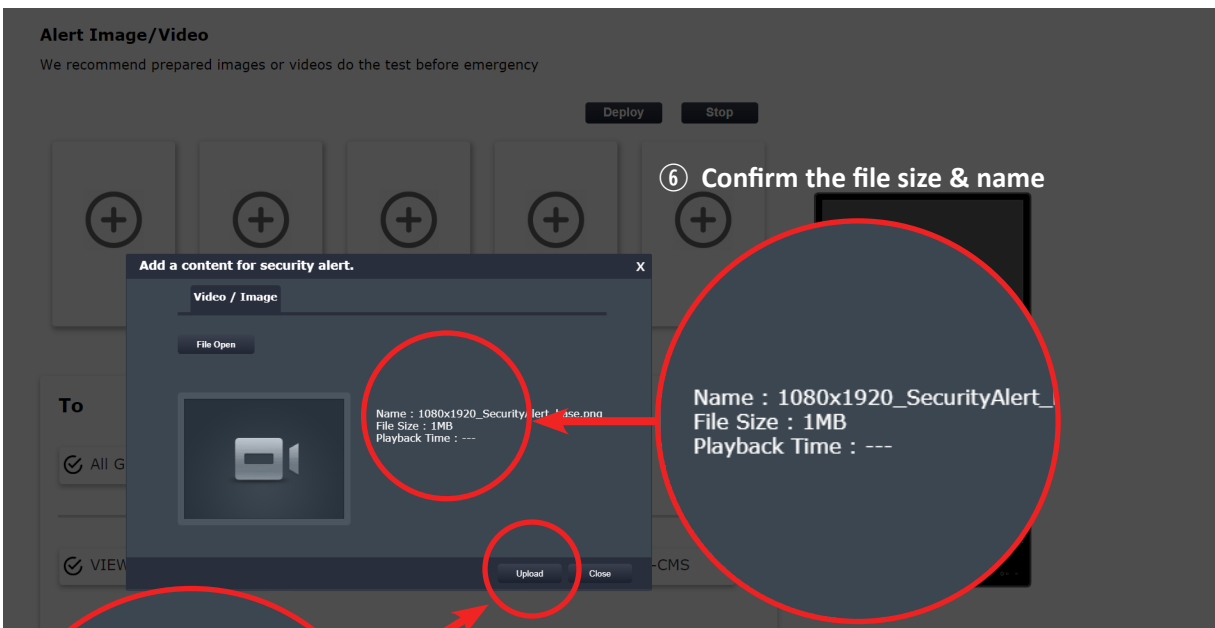
⑦ Click the "Upload" button to upload an image or video

Run the test

- Once in the security alert page, select an image or video which you want to display. When you choose an image/video, you will see a check sign above the uploaded image/video.
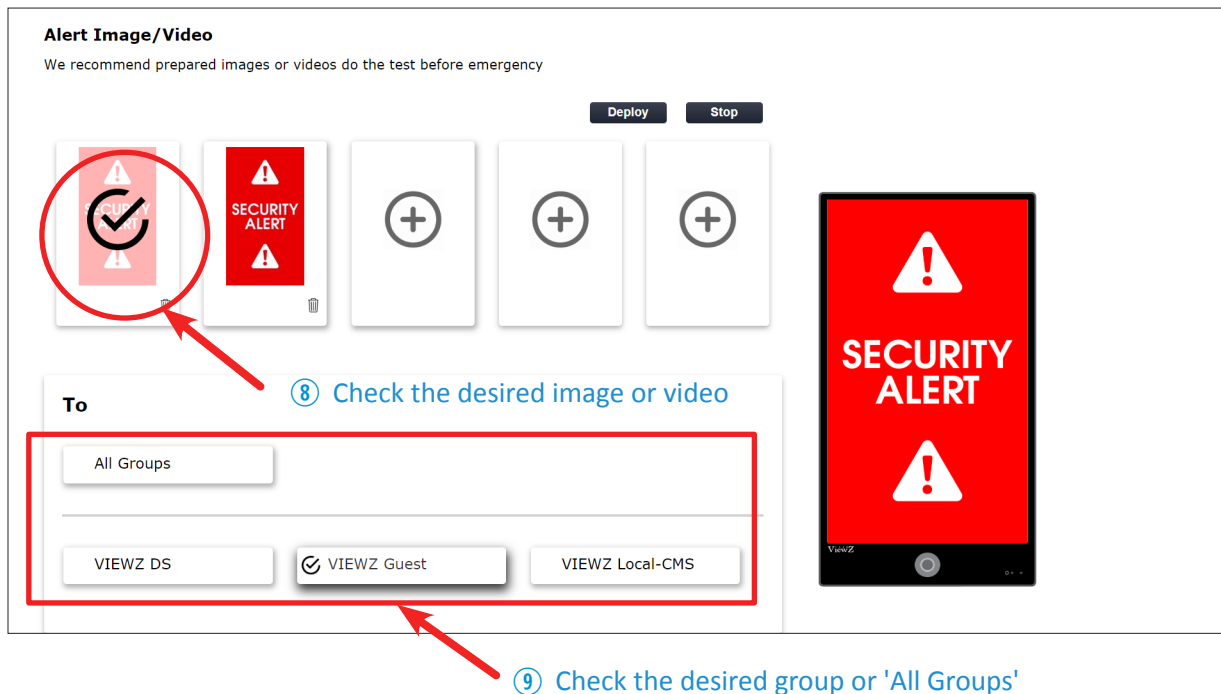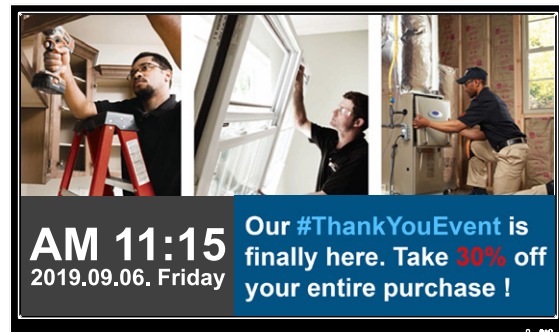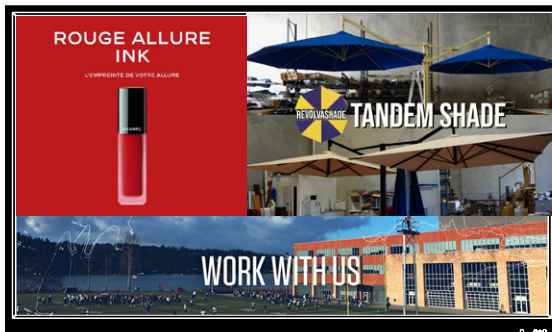

- Once you're done, you can now deploy a security alert at any given time. Make sure to test to confirm full functionality before a real life event.
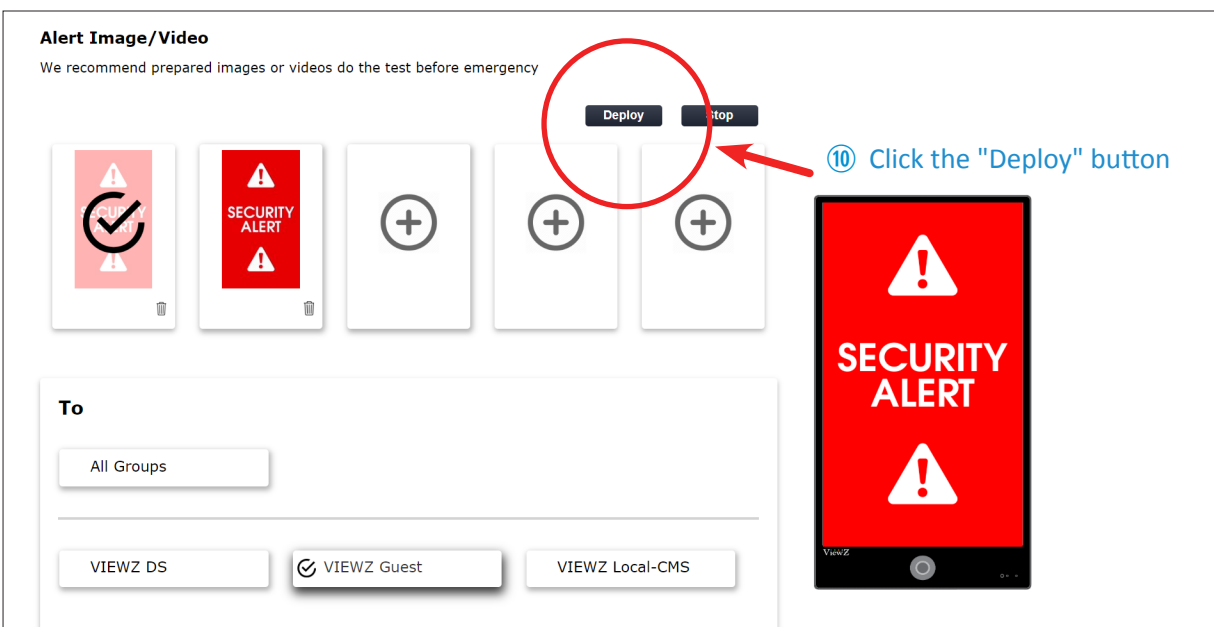
SECURITY ALERT

Run the test

- Once you click "Deploy" button, all of Smart AD BOXs that you select in the group will display the selected warning image / video.
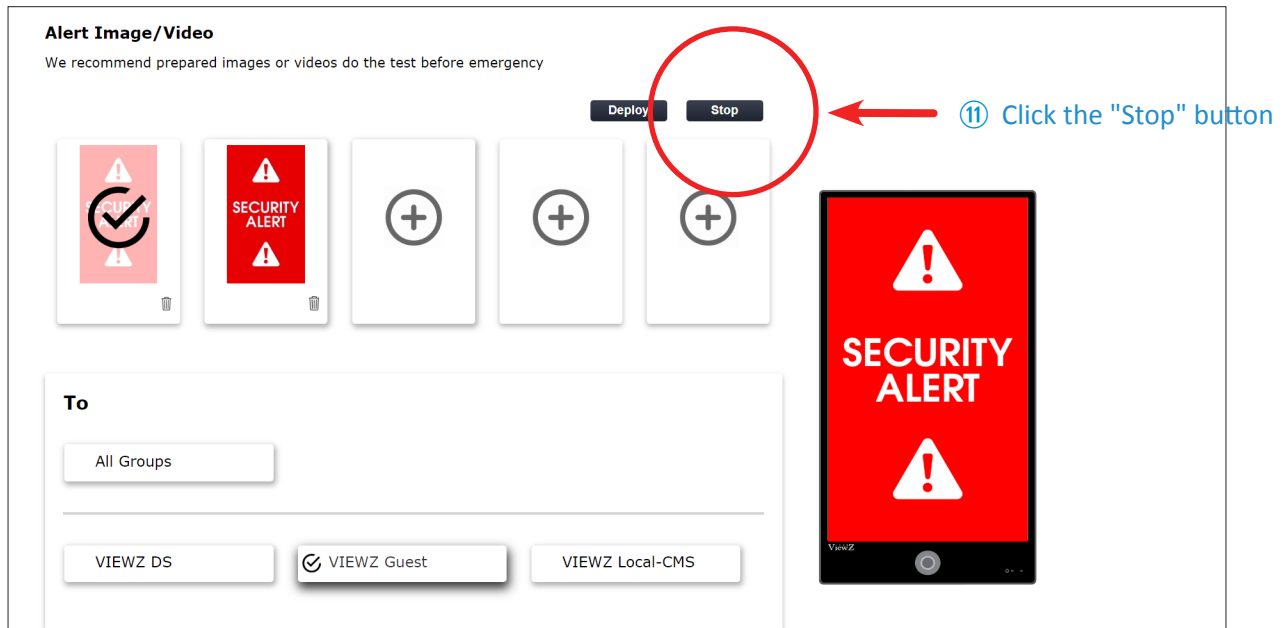

Click the "Deploy" button

SECURITY ALERT

Run the test

- To go back to normal display, simply click the "stop" button.

- Once you click the "Stop" button, all of the selected Smart AD BOXs will go back to displaying normal images.

! Note

Security warning video will sound the audible alarm if you make a video with an alert sound.

NOTE