VZ-IPM SERIES
24" & 32" PROFESSIONAL IP INPUT MONITOR

USER MANUAL

ViewZ
DRIVING VISUAL INNOVATION

ViewZ®
www.viewzusa.com

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

CONTENTS

SAFETY INSTRUCTION

Important Safety Instruction

1. Read all warnings.
2. Follow all instructions to ensure longevity of monitor.
3. Do not place the monitor near water.
4. Clean only with dry cloth.
5. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
6. Do not install near any heat sources such as radiators, heat registers,stoves, or other heat generating devices.
7. Do not override the safety purpose of the polarized or grounding-type plug.
8. A polarized plug has two blades with one wider than the other.
9. A grounding type plug has two blades and a third grounding prong.
10. The wide blade or the third prong are provided for your safety.
11. If the provided plug does not fit into your outlet, consult with electrician for replacement of the outlet.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where it connects to the monitor.
13. Only use attachment/accessories specified by the manufacturer.
14. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the monitor. When a cart is used, use caution when moving the cart & monitor in combination to avoid injuries.
15. Unplug the monitor during lightning storms or when unused for long periods of time.
16. Refer all servicing to qualified service personnel. Servicing is required when the monitor has been damaged in any way.

The monitor shall not be exposed to dripping or splashing and objects containing liquids, such as vases shall be placed near the monitor.

The monitor should have ample distance (e.g. 10cm) from the wall for sufficient ventilation.

SAFETY INSTRUCTION

Important Safety Instruction

Mark Indication and Substance

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION : TO REDUCE THE RISK OF ELECTRICAL SHOCK,
DO NOT REMOVE COVER (OR BACK). NO USER
SERVICEABLE PARTS INSIDE. REFER SERVICING TO
QUALIFIED SERVICE PERSONNEL

This symbol is intended to alert the user to the presence of uninsulated & dangerous voltage within the monitor's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the monitor.

⚠ Warning

- Do not use damaged or loose cables and plug.
- Do not pull the plug out by the wire nor touch the plug with wet hands.
- Use only a properly grounded plug and receptacle.
- Do not connect too many extension cords or plugs to one outlet.
- Do not excessively bend the plug and wire.
- Do not disconnect the power cord while it's still plugged into the monitor.
- Do not place any heavy objects on the power cord. Damage to the cord may cause shock or fire.
- Never open the monitor. There are no user-serviceable parts inside and opening will void warranty.
- Removing covers may expose you to dangerous shock hazards or other risks.
- Keep any heating devices away from the power cable and monitor.
- Do not place the monitor near water.
- Do not insert objects of any kind into the monitor's open slots, as they may touch dangerous voltage points.
- Please follow the laws and regulations of your municipality to dispose of the tube properly.
- Do not use the monitor in high temperature, humid, dusty or oily areas.
- Do not install the monitor where it will be exposed to continual vibration.
- Keep the plastic packaging out of children's reach.
- If any damage is defected upon first opening the box, contact agency from which you bought the monitor directly.
- If your monitor does not operate normally – in particular, if there is any unusual sound or smell coming from the monitor – unplug it immediately and contact an authorized dealer or the service center.

SAFETY INSTRUCTION

Important Safety Instruction

⚠ Caution

- If the connector between the plug and the pin is dusty or dirty, clean it properly using a dry cloth.
- Make sure to unplug the power cord before cleaning the monitor.
- Make sure to leave a gap between monitor and wall.
- Do not drop the monitor when moving it.
- Place your monitor in a location with low humidity and a minimum dust.
- Install the monitor base on a showcase or shelf so that the end of the base does not protrude from the showcase or shelf.
- Do not place the monitor on an unstable or small surface area.
- Do not install inside a vehicle.
- Disconnect the plug from the outlet during storms or lightning or if it has not been used for a long time.
- Do not try to move the monitor by pulling on the power cord.
- Do not cover the vents on the monitor.
- When moving the monitor, turn off and unplug the power cord. Make sure that all cables, including HDMI cable and cables connected to other devices, are disconnected before moving it.
- Place the monitor out of children's reach, as they could damage it by hanging onto it.

💧 Available Temperature & Humidity

- Operating Temperature : 14°F ∼ 122°F / -10°C ∼ 50°C
- Operating Humidity : 20 ∼ 70% RH

Dot Defect (dead pixel) of TFT

ViewZ monitors are manufactured using high-end semiconductor technology with precision ratings of 99.9% and above. However, it may be the case that certain RGB and white pixels seem darker (or entirely unlit i.e. black).

Modern production methods cannot guarantee an absolute fault-free monitor. To this effect, no LED manufacturer can guarantee a defect free panel. A few isolated pixel or sub-pixel faults are considered tolerable and different policies exist that govern the amount of these tolerable values.

While most pixel faults occur in isolated regions, a cluster of dead pixels or sub-pixels can sometimes form for which a separate ruling applies. A cluster is defined as an area of 5x5 pixels. ViewZ's policy on pixel failure: either as an isolated fault or in the form of a cluster is outlined on the website: www.viewzusa.com

FCC RF INTERFERENCE STATEMENT

Note

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technician for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

► DOC COMPLIANCE NOTICE
This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the radio interference regulation of Canadian Department of communications.

Statement

- VGA and XGA are the registered trademark of IBM.
- VESA is the trademark of Video Electronics Standard Association.
- HDMI, HDMI logo and High-Definition Multimedia Interface (high definition multimedia digital interface) are the trademark or registered trademark of HDMI Licensing LLC.

If some company or product trademark is not particularly stated, the use of trademark has been fully recognized. Do not alter, decompile, disassemble, decode or conduct reverse engineering to the software installed in the product, or it can be deemed as breach of the law.

INSTALLATION

Installation Tools

The following tools may be required depending on your installation.

Electronic Stud Finder	Pencil	Protective Eye-wear	Level	Phillips Screwdriver
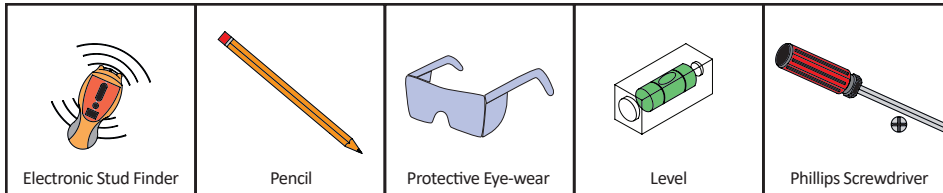
Assembly Components - provided

Your ViewZ monitor is shipped with all proper installation hardware and components. If there are parts missing and/or damaged, please stop the installation and contact ViewZ USA at (888)-998-4399.

TFT-LED Monitor (Qty 1) Monitor Stand (Qty 1)	110V Power Cable (Qty 1) DC 12V Power Supply (Qty 1)	User Manual (Qty 1)	Remote Controller (Qty 1) (Without battery (AAA))

Mounting Option

Your ViewZ monitor is compatible with ViewZ monitor mounts. For more information, please contact ViewZ USA at (888)-998-4399.

Wall & Pole Mount

• Part # **WM05** VESA 75, 100
15mm Low profile
24IPM

• Part # **WM11** VESA 50, 75, 100
Tilting -20° ~ +20°
Swivel -30° ~ +30°
24IPM

• Part # **AM02-A** VESA 75 ~ 200
Tilting -12° ~ +5°
Swivel ± 90°
24IPM & 32IPM

• Part # **SCM-SQ** VESA 75, 100
Tilting ± 90°
Swivel 360°
PAN 180°
24IPM

• Part # **WM50** VESA 50 ~ 400
Tilting -8° ~ 0°
37mm profile
32IPM

• Part # **CMKiT-02** VESA 75 ~ 200
Tilting -12° ~ +5°
PAN Rotation 360°
24IPM & 32IPM

CONNECT EXTERNAL EQUIPMENTS

Interface Input Ports

The following image is the description of interface input ports of IP Input Monitor.
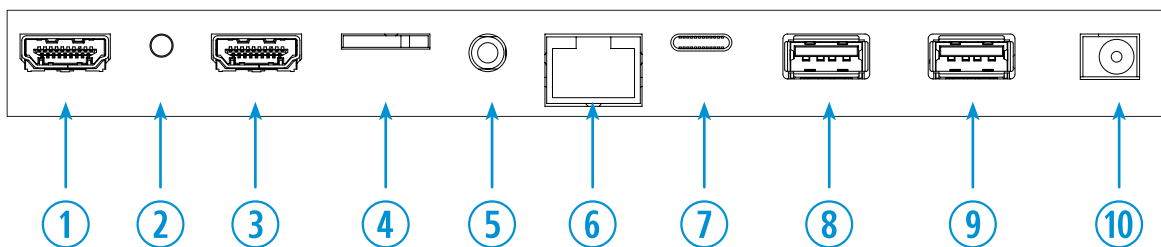
1. HDMI In
2. Reset
3. HDMI Out
4. MICRO SD
5. Audio Out

6. ETHERNET 10/100 (RJ 45)
7. USB (Type C) In
8. USB 3.0 (Type A) In
9. USB 2.0 (Type A) In
10. DC 12V In

REMOTE FUNCTION

Remote Controller

1. Power
2. Up
3. Left
4. Select
5. Right
6. Down
7. Recent Apps
8. N / A
9. Settings
10. Back
11. Home
12. Volume Up
13. Volume Down
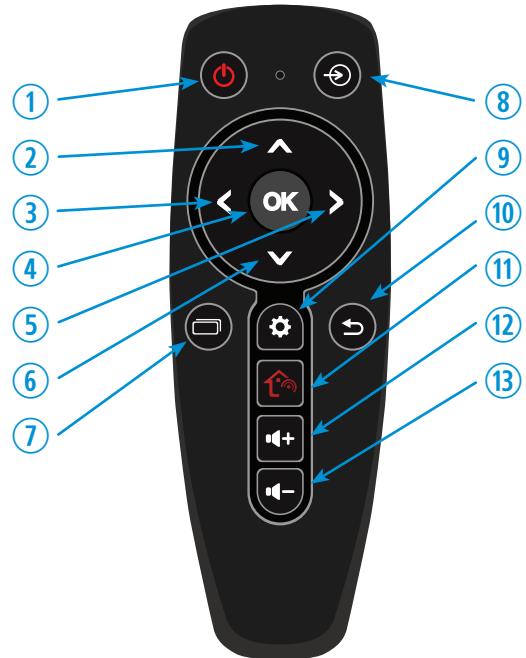
Display image, sound and custom settings can be adjusted in OSD (On Screen Display) menu by remote controller.
To adjust monitor setting value :

1. Press the **'Settings'** button to enter the setup of running app
2. Press the **'Recent Apps'** button to select recent apps
3. Press the **'Home'** button to go directly to the home screen
4. Press the **'Back'** button to go back the previous screen
5. Press the ▲ / ▼ / ◄ / ► buttons to select the desired sub-menu
6. Press the **'OK'** button to select
7. Press the **'Volume Up & Down'** button to up / down audio volume

CONTROL AND FUNCTION

On Monitor, Button Control
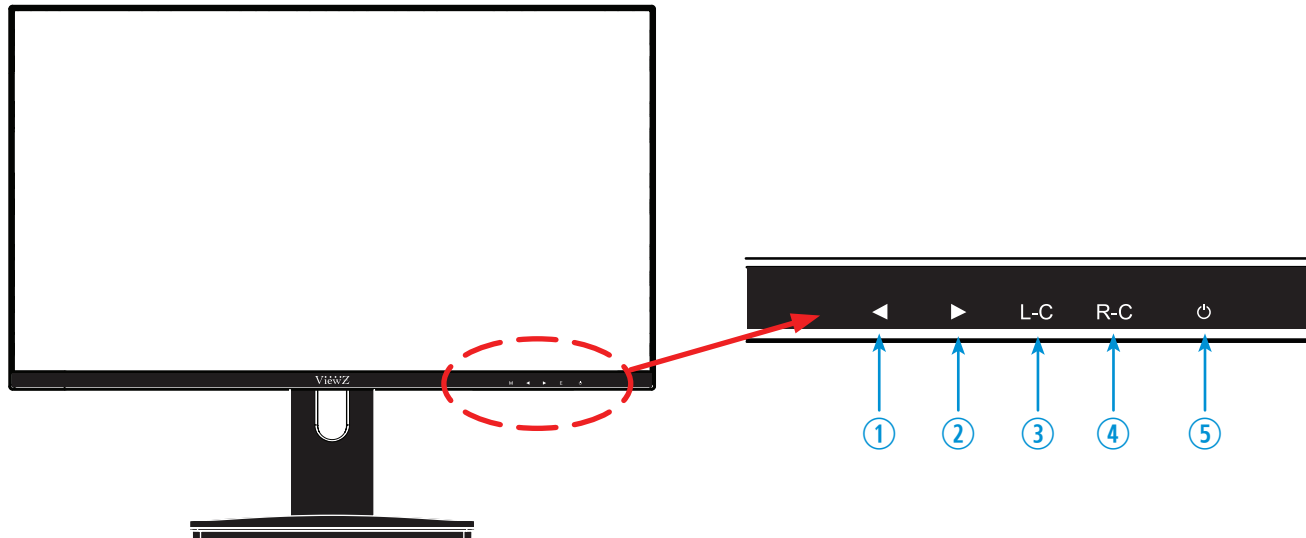
1. Left ◄ (Left Move)
   Move the selection to the left
2. Right ◄ (Right Move)
   Move the selection to the right
3. L-C (Left Click Function of Mouse)
   Same function of mouse left click

4. R-C (Right Click Function of Mouse)
   Same function of mouse right click
5. Power
   Monitor power on / off

CONTROL AND FUNCTION

Initial Setup - Launch Onvif IP Cam Viewer

- Click on the desktop, you will see **ViewZ's ONVIF IP Cam Viewer** App. The App will be looks like below;
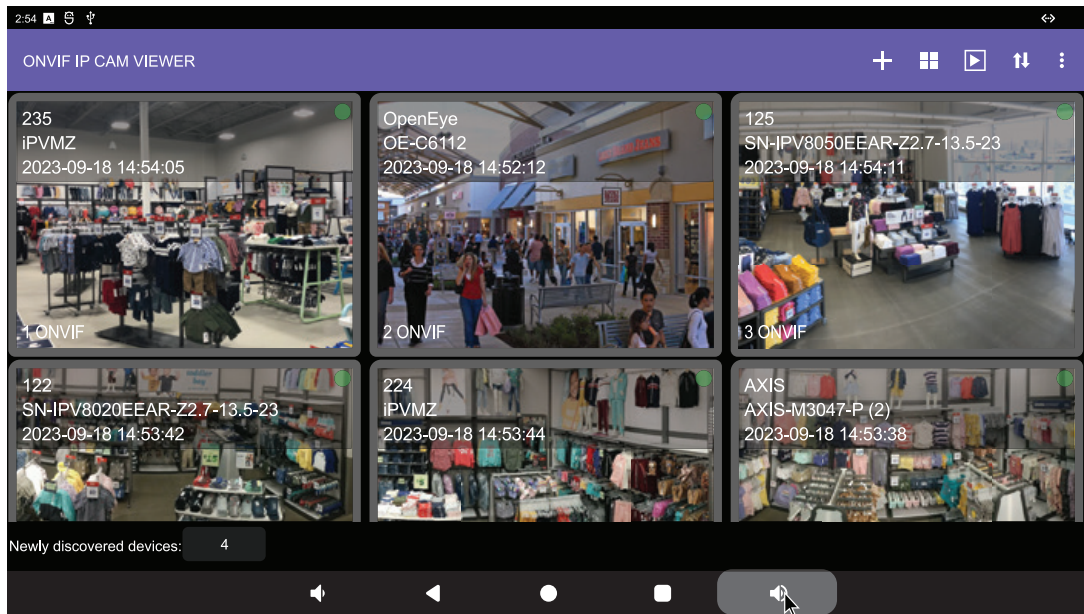
CONTROL AND FUNCTION

Initial Setup - Launch Onvif IP Cam Viewer
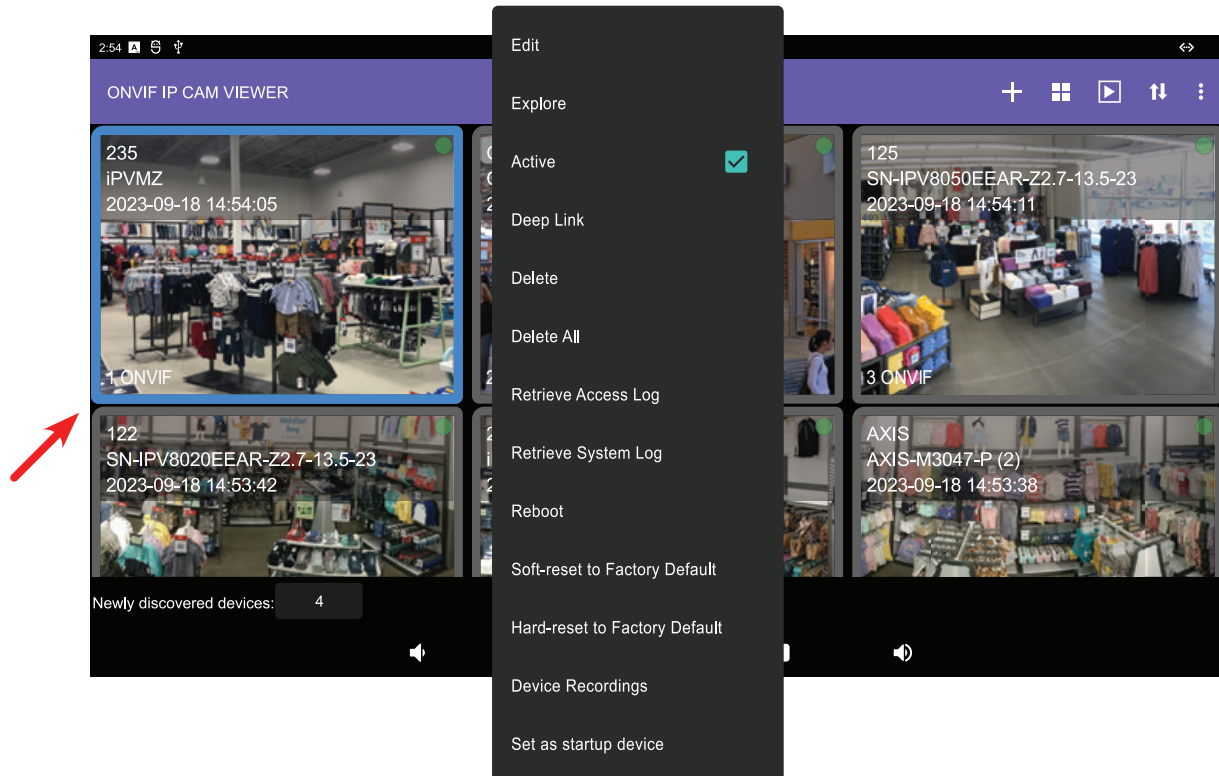
- Click & hold one of screens, then user will see a popup window which can control selected device (camera)
- **Edit** - edit the selected device (camera) information
- **Explore** - configure the entire feature of selected device (camera)
- **Active** - play & stop the live streaming of selected device (camera)
- **Deep Link** - not stupport
- **Delete** - delete the selected device (camera) from the list
- **Delete All** - delete all device (camera) from the list
- **Retrieve Access Log** - restore the selected device (camera) info
- **Retrieve System Log** - restore the entire system info
- **Reboot** - reboot the selected device (camera)
- **Soft-reset to Factory Default** - restore factory default
- **Hard-reset to Factory Default** - restore factory default
- **Device Recordings** - not support in this status. User can record a live video on multiview or sequential viewing mode
- **Set as startup device** - setup the selected device (camera) as the initial view when launching App

CONTROL AND FUNCTION

Initial Setup - VMS Shortcut Icon Folder
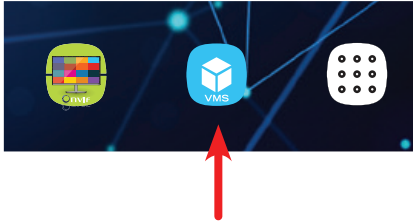
- Click on the desktop, you will see the shortcut icons which administrator installed & added on this folder.
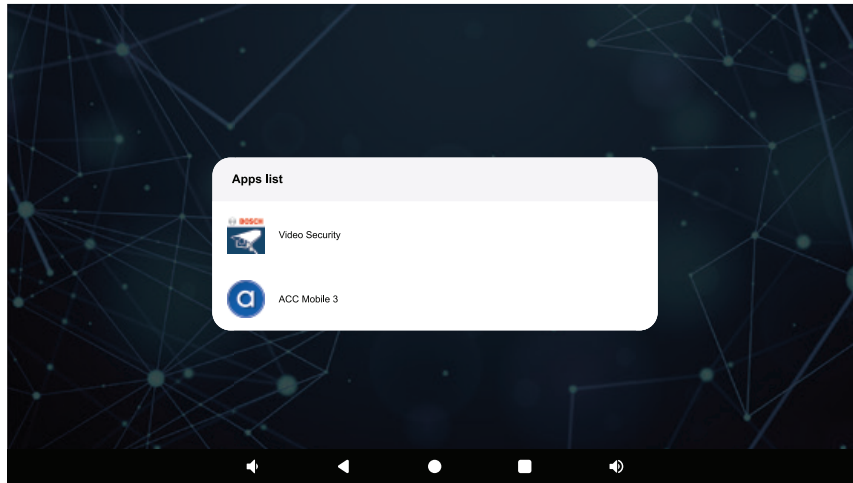
- User (administrator) can add this shortcut icon at the 'Settings'.
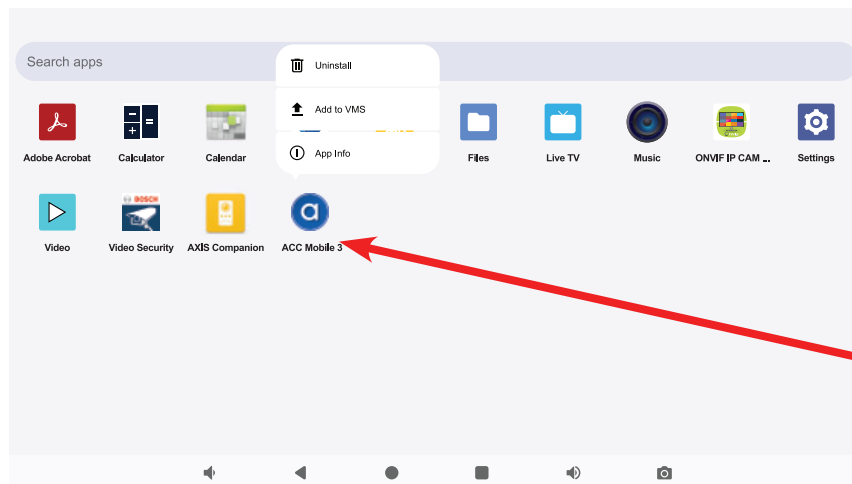
Click & hold to add the selected App on the VMS shortcut icon folder

- On the 'Settings', if user (administer) select an App and click & hold, user will see the selected App is added on VMS shortcut icon folder.

CONTROL AND FUNCTION

Initial Setup - Access Settings

- Click [icon] on the desktop, you will see the Settings window. User (administrator) need to enter ID / PWD.
- The default ID / PWD is '**root** / **root**'.
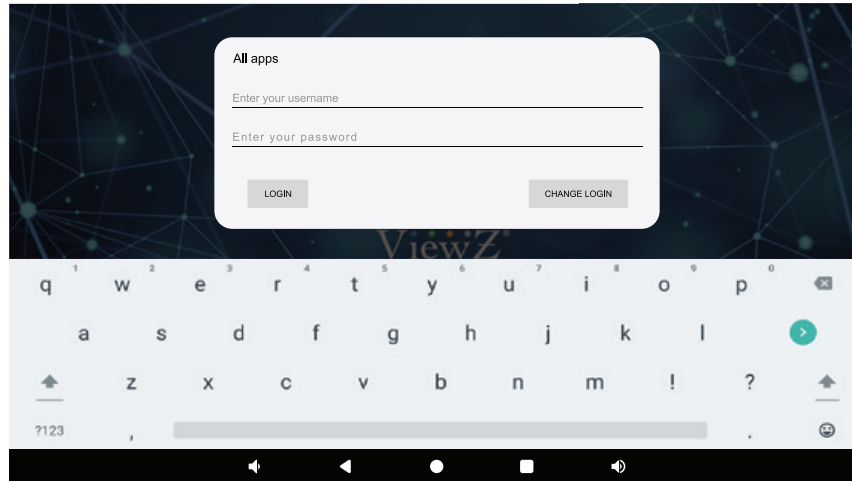
- On 'Settings', user can install App, export saved screenshots & recorded videos and change android setup.
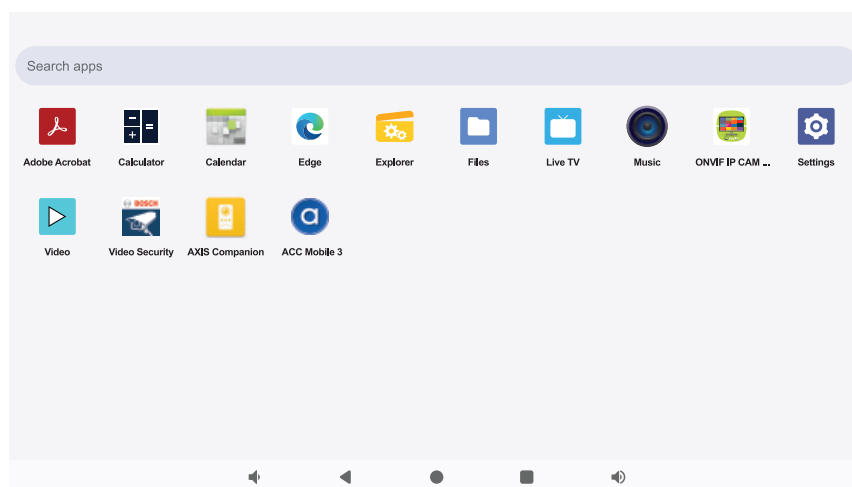
CONTROL AND FUNCTION

Initial Setup - Main Control Buttons

- Click 🔉 to volume down. Click 🔊 to volume up. When user click these buttons, user can see
- Click ◀ to go back to previous menu.
- Click ⭕ to go back the home screen.
- Click ⬜ to see multi windows which show running apps.

CONTROL AND FUNCTION

Initial Setup - Switch Background Image
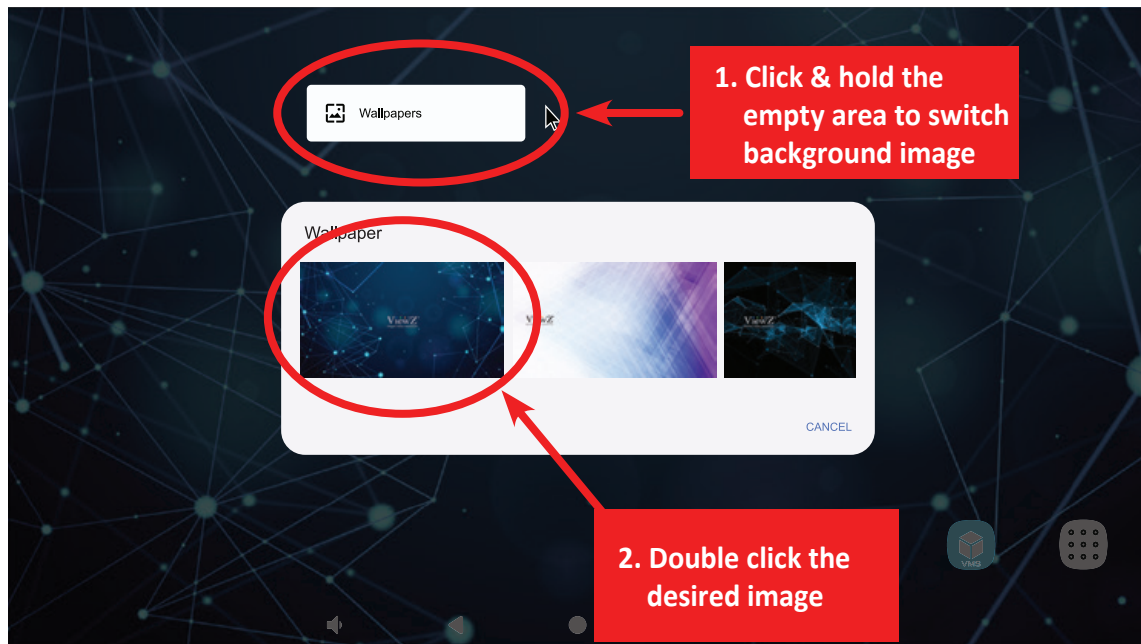
1. If user want to change the desktop background image, user needs to click & hold empty area of screen.
2. On 'Wallpapers' popup menu, click 'Wallpapers'
3. 'Wallpapers' window show background images.
4. Select and double click it. Then, the selected image will be displayed in the background.

CONTROL AND FUNCTION

After Setup - Saving the Configuration
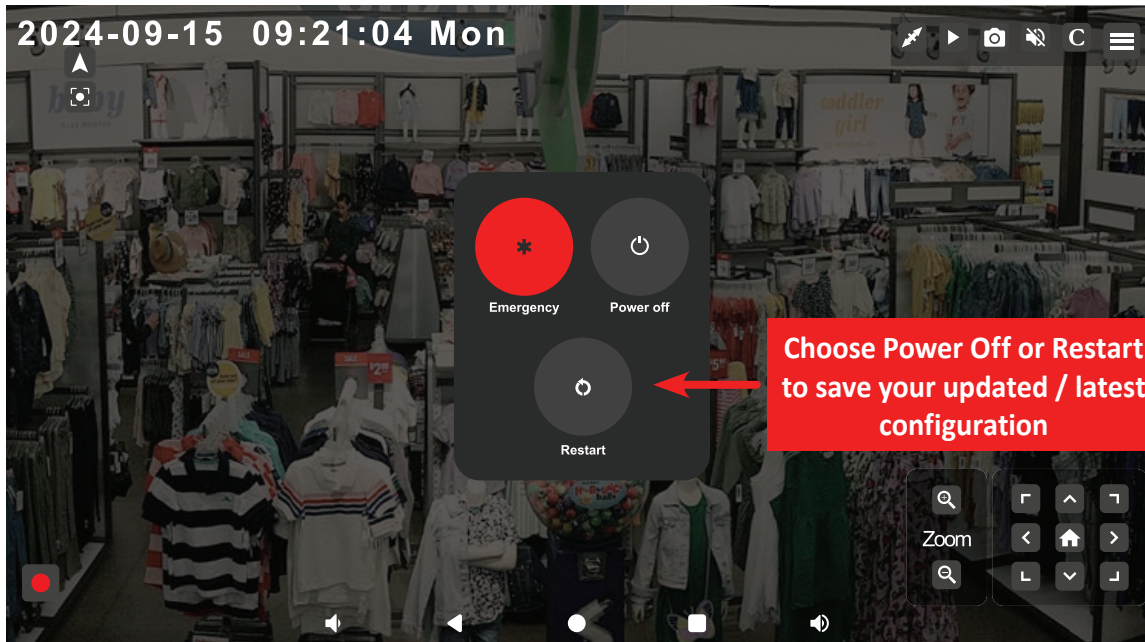
- After registering your camera view based on your desired configuration, power has to be turned off from the monitor physically pressing and holding ⏻ (Power) button for 10 seconds to pop menu below from the screenshot. User can select restart or power off option to save the latest / updated configuration. Please note that without this procedure, there is a high risk of the user losing the configured settings.

Note

- In order to add another different channel or changing the configuration, requires above procedures to save your settings.

CONTROL AND FUNCTION
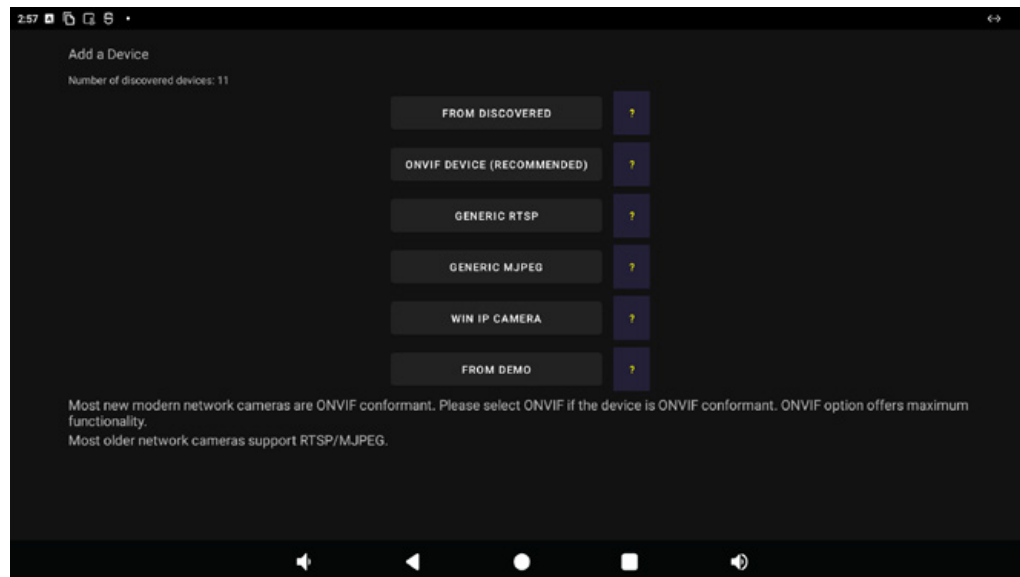
Add a Device

- If user want to add an IP camera, click [+] icon on **ViewZ's ONVIF IP Cam Viewer**. Then, user will see the above screen.
- At this window, user can add IP camera based on its circumstance.

- **FROM DISCOVERED** - All ONVIF and Window IP camera devices on your LAN (network) are discovered automatically.
- **ONVIF DEVICE** (Recommended) - Recommended choice if your device is ONVIF conformant because it has full functionality.
- **GENERIC RTSP** - RTSP streams have both video and audio, but no built-in PTZ control. The **ViewZ's ONVIF IP Cam Viewer** has custom commands that can be used potentially for PTZ.
- **GENERIC MJPEG** - MJPEG has video only. Its advantages are low latency and support by old cameras.
- **WIN IP CAMERA** - WIN IP Camera is a Windows Phone app that turns a Windows Phone into a high end HD IP camera with double-lens, crystal clear two-way audio, battery power, internal/external storage, touch-screen control. This may be the best use of a retired idling old phone increasing its value by 10 folds. You can download this FREE Windows Phone app from Windows Store.
- **FROM DEMO** - Demo cameras from third parties can be added for testing. This demo function needs to access the WAN network.
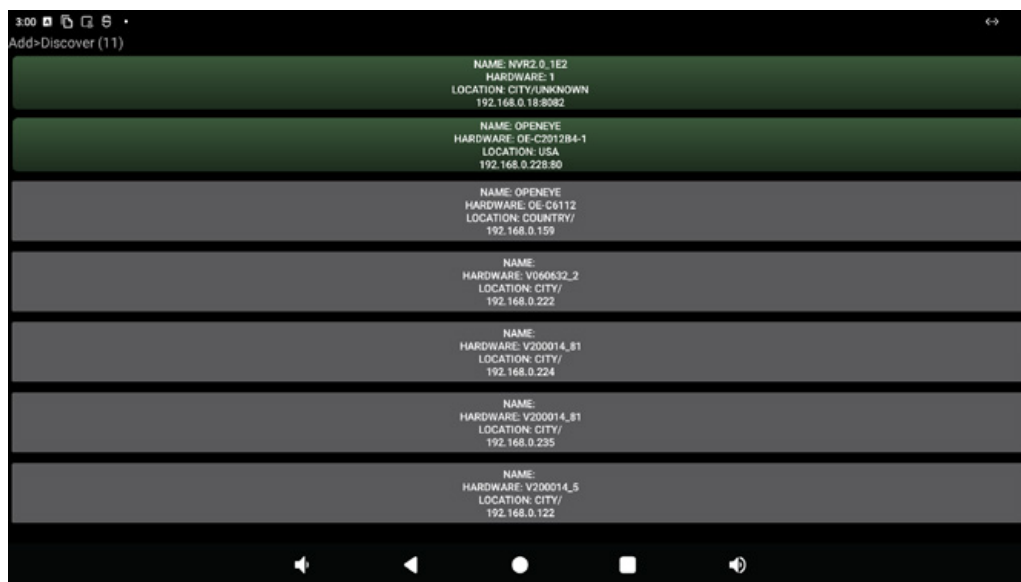
# CONTROL AND FUNCTION
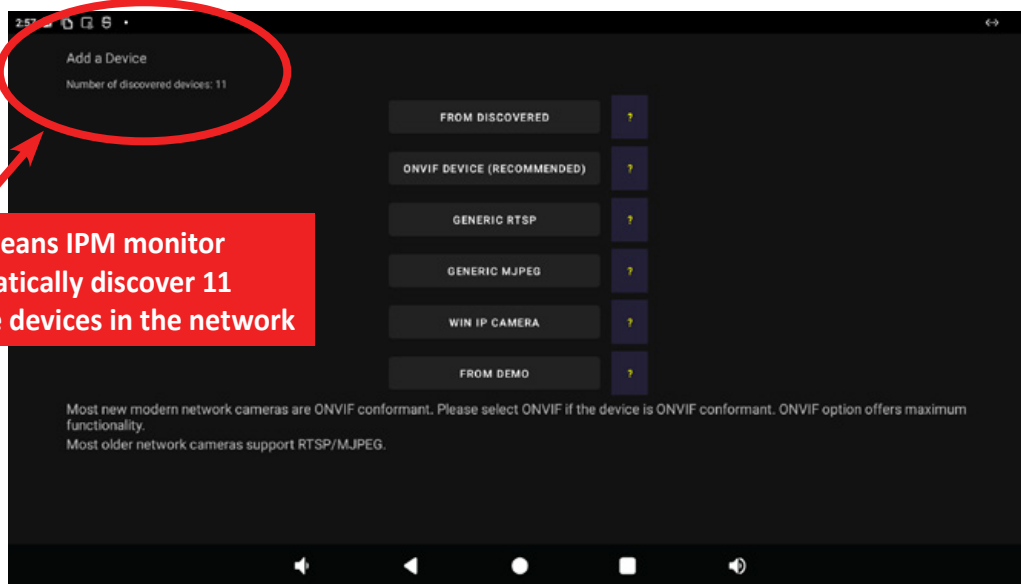
Add a Device - FROM DISCOVERED

- When user click **'FROM DISCOVERED'**, user will see below screen and the green box button can be added on the **ONVIF IP Cam Viewer**. The gray box button (device) means it's already added on **ONVIF IP Cam Viewer**.

- This function requires **IPM monitor** and **IP cameras** (or ONVIF devices) should be grouped in the same network.
- This function allows user to select a device and easily fill up the address field.

CONTROL AND FUNCTION

Add a Device - FROM DISCOVERED
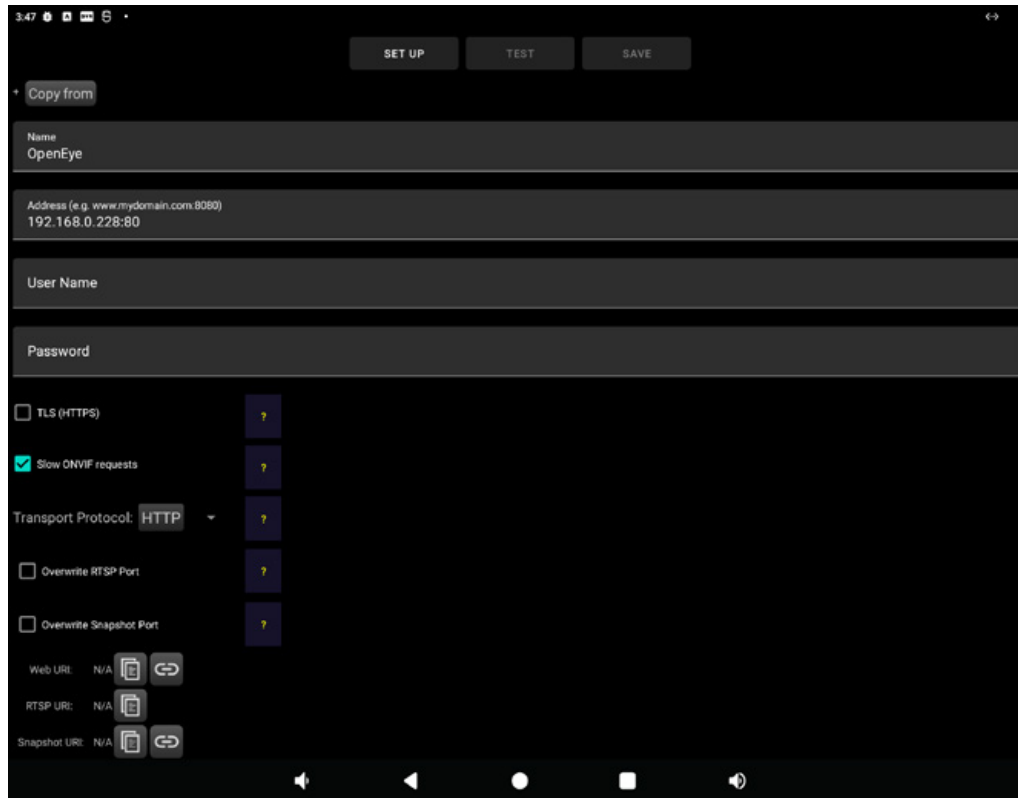
- When user select & click one of listed device, user will see the above screen.
- And user might need to type user name, password and more information depending on your device configuration. But, the '**Address**' will be automatically typed by the system.
- Click "**SET UP**" to configure by retrieving information from the device.
- Click "**TEST** (Video)" to allow **ONVIF IP Cam Viewer** to select the best transport protocol and validate the video streaming.

CONTROL AND FUNCTION

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Add a Device - ONVIF DEVICE

- This function allows user to type the ONVIF device information manually.
- This function is more proper for configuring WAN devices.
- Click "Set Up" to configure by retrieving information from the device.
- Click "Test Video" to allow **ONVIF IP Cam Viewer** to select the best transport protocol and validate the video streaming.

CONTROL AND FUNCTION
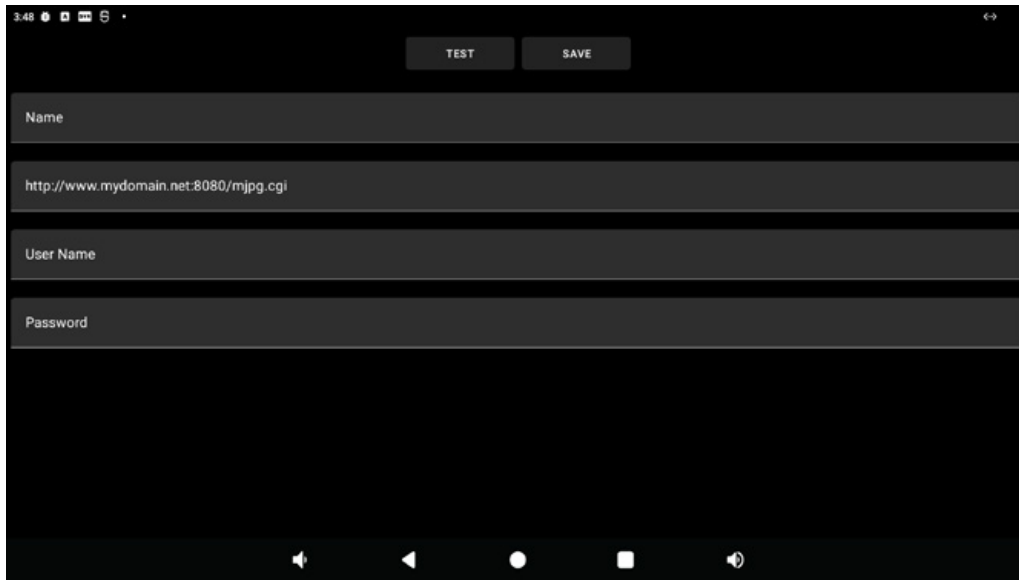
Add a Device - GENERIC RTSP

- This function is using for streaming an RTSP URL.
- Most non-ONVIF NVTs support.
- RTSP streaming supports both audio and video signal.
- Click "**Validate**" to allow **ONVIF IP Cam Viewer** to select the best transport protocol and validate the video streaming.

CONTROL AND FUNCTION

## Add a Device - ONVIF DEVICE

- This function is using for streaming an MJPEG URL.
- The oldest NVTs support
- MJPEG streaming has video signal only.
- Click "**Validate**" to allow **ONVIF IP Cam Viewer** to validate the video streaming.

![ViewZ logo]

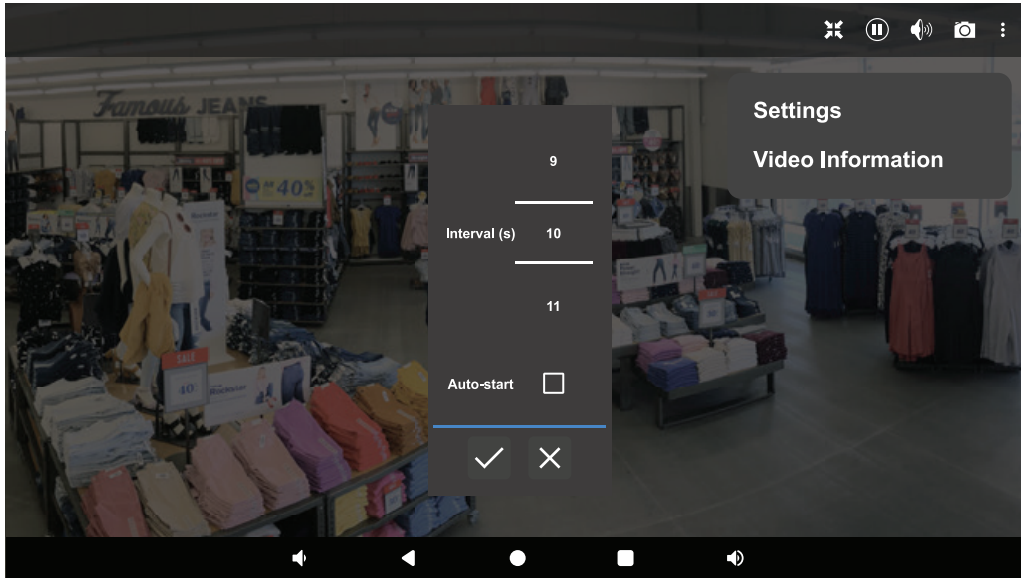# CONTROL AND FUNCTION

Sequential View - Launch & Setup
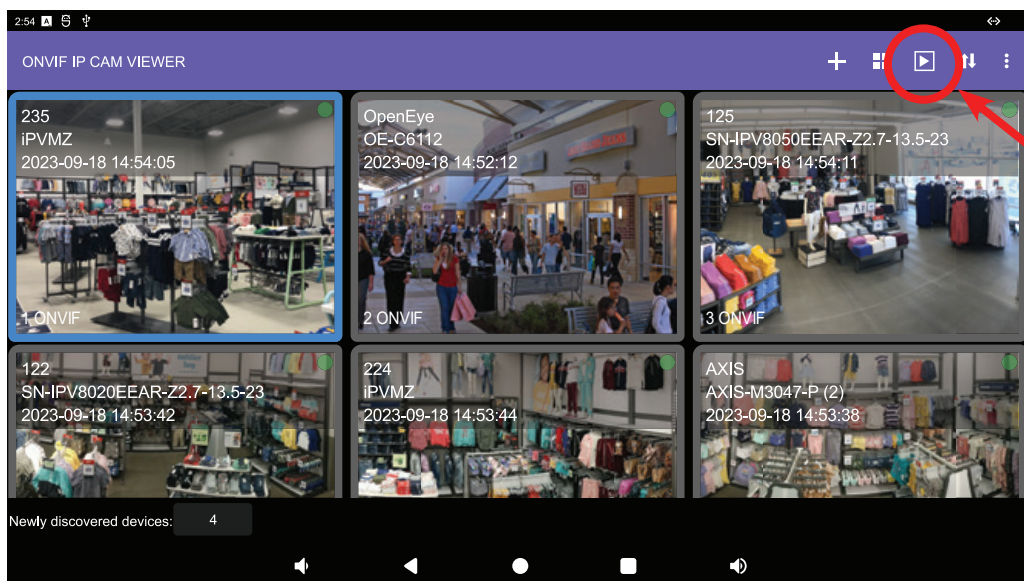
- Click ▶ to start sequential view which show all registered camera streaming based on interval time.
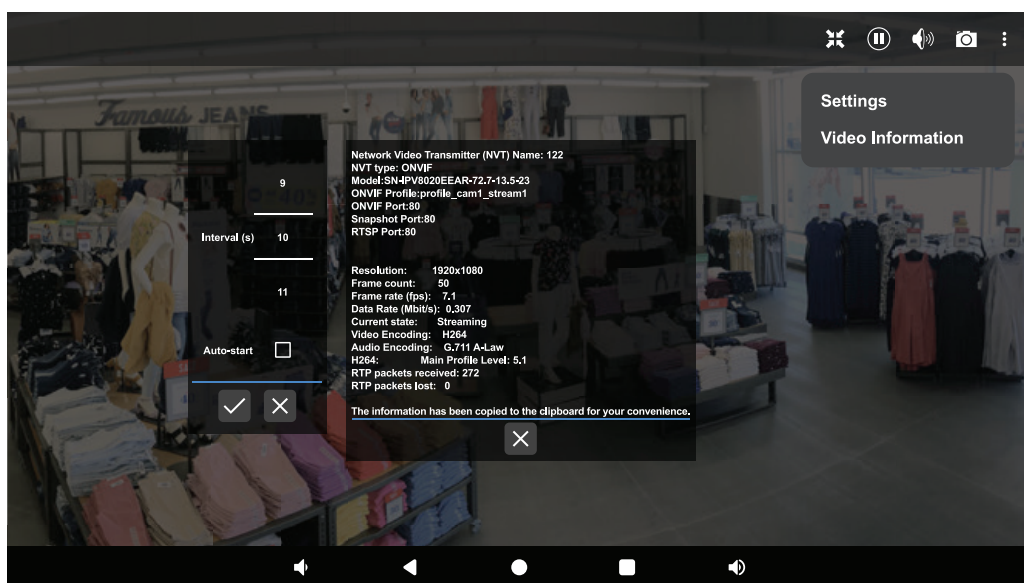
- Click ⋮ to set the interval time of sequential view or see the current streaming information.

CONTROL AND FUNCTION

Sequential View - Launch & Setup

- Click '**Settings**' to setup the interval time of sequential view. If user check '**Auto-start**', user will see the sequential view when starting **OICV (ONVIF IP Cam Viewer)** App.
- Show the all camera in order. Interval time is set as 10 seconds as a default. User can set the interval time from 5 to 30 sec.
- Click ⊞ to set the aspect ratio based on camera.
- Click ⊠ to fill up the video on the monitor.
- Click ▶ ⑩ to play & stop the sequential streaming.
- Click ◀)) ◀ to on & off the sound.
- Click ◎ to take a snapshot.

CONTROL AND FUNCTION

Sequential View - Video Streaming, Recording, Pan/Tilt/Zoom (PTZ)
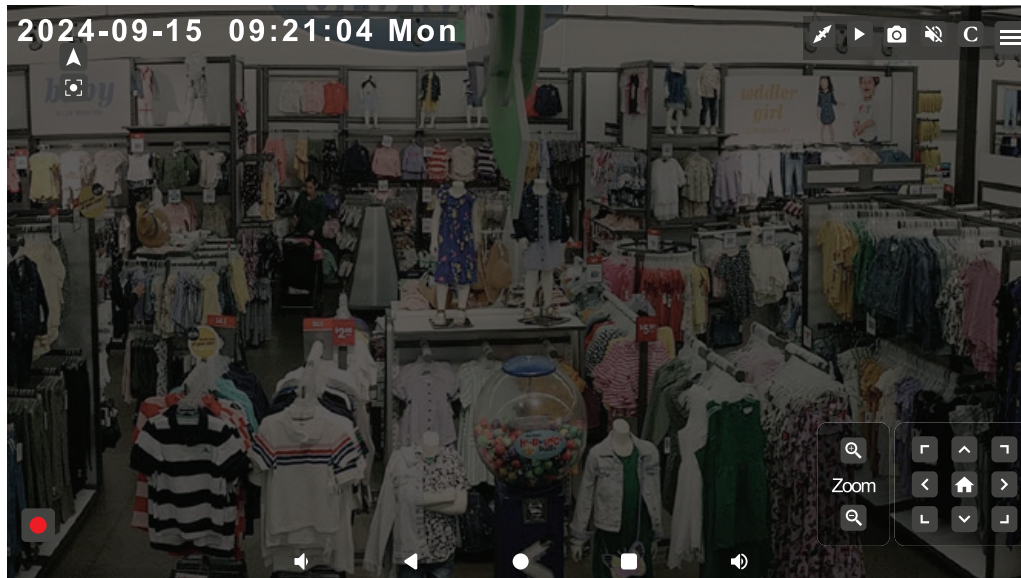
- When user select and see a full screen among device tiles or sequence view, user can take a snapshot, play & stop streaming, setup aspect ration and control the camera.
- Click ⬦ to stretch the video to fill the window while maintaining the aspect ratio.
- Click ⏸ to pause the video. Click ▶ to resume the video streaming.
- Click ⃝ to take a snapshot.
- Click 🔇 to mute the audio (if audio is available).
- Click 🔊 to turn on the audio.
- Click C to show the camera information with command
- Click ☰ to show "Video Information" which display a variety of properties of the video stream.
- Click 🔴 to record a live video.
- Click ⊡ to set the lens focus. Click 👤 to set the lens focus with people. Click 🖼 to set the lens focus with background.
- Click buttons to control PTZ, if the selected camera support PTZ.
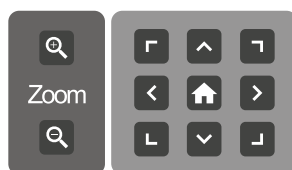
⊛ **Note**
- The function of full screen view is applied for both sequence view and multiview

CONTROL AND FUNCTION

For Devices supporting H.264 encoded video

- Click 🔴 to start recording.

- Click 🟥 to stop recording. Internal storage is used to store temporary files of the recording.

  Free storage space:23.093 GB
  00:00:01

  🟥

- An MP4 file is saved in the storage space for movies or any specified storage space, and all temporary files are deleted when the recording finishes.

- You will be asked whether to play the recorded video.

A new video file has been save. 12.9 MB	PLAY VIDEO

- Some Android devices may not be able to play the recorded video.

- The video file will be saved under "**IPM's internal memory Settings/Files/Pictures/XXXX**" ('XXXX' will be named as camera name) can be downloaded for playing on other devices such as desktop computers.
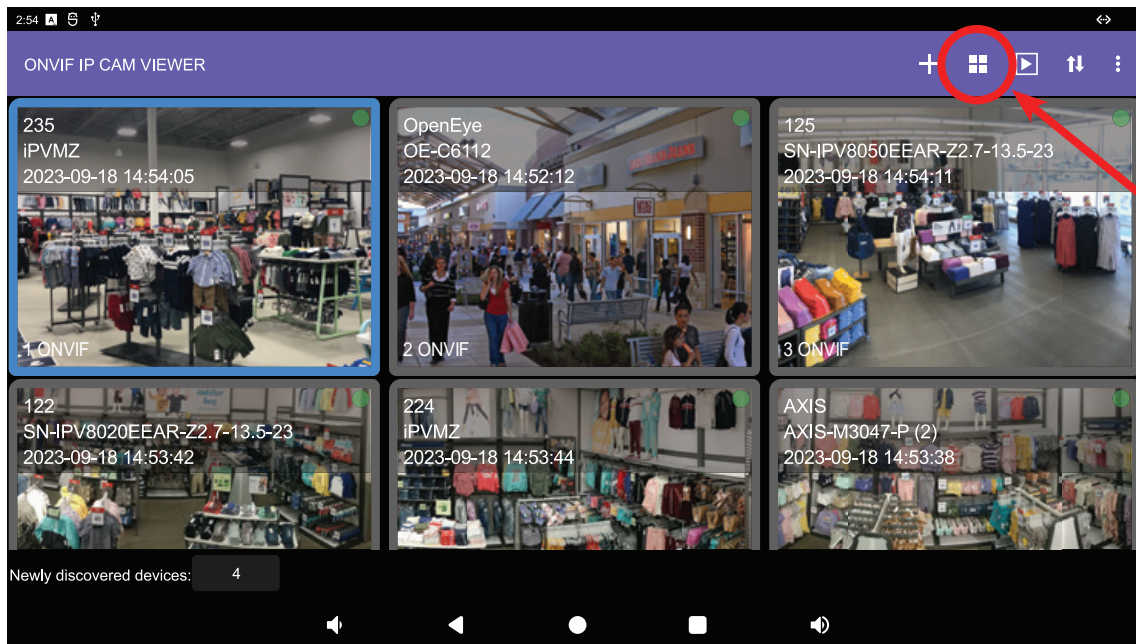
For PTZ devices (devices supporting opto-mechanical PTZ)

- Flick (i.e. swipe, fling or drag) on the touchscreen to pan/tilt.
- You can also tap the arrows to pan/tilt.
- Pinch to zoom. You can also click button "+" to zoom in, click button "-" to zoom out.
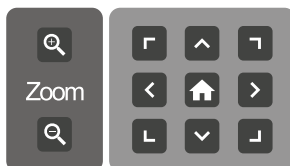
CONTROL AND FUNCTION

Multiview - Setup

- Click [⊞] to start multiview viewing mode which show all registered cameras or devices by grid.
- User can set multiview screens as **1 / 2 / 3 / 4 / 6 / 9 / 12 / 16** channel.
- When user access the multiview viewing mode at the first time, user should set up a multiview mode.

CONTROL AND FUNCTION
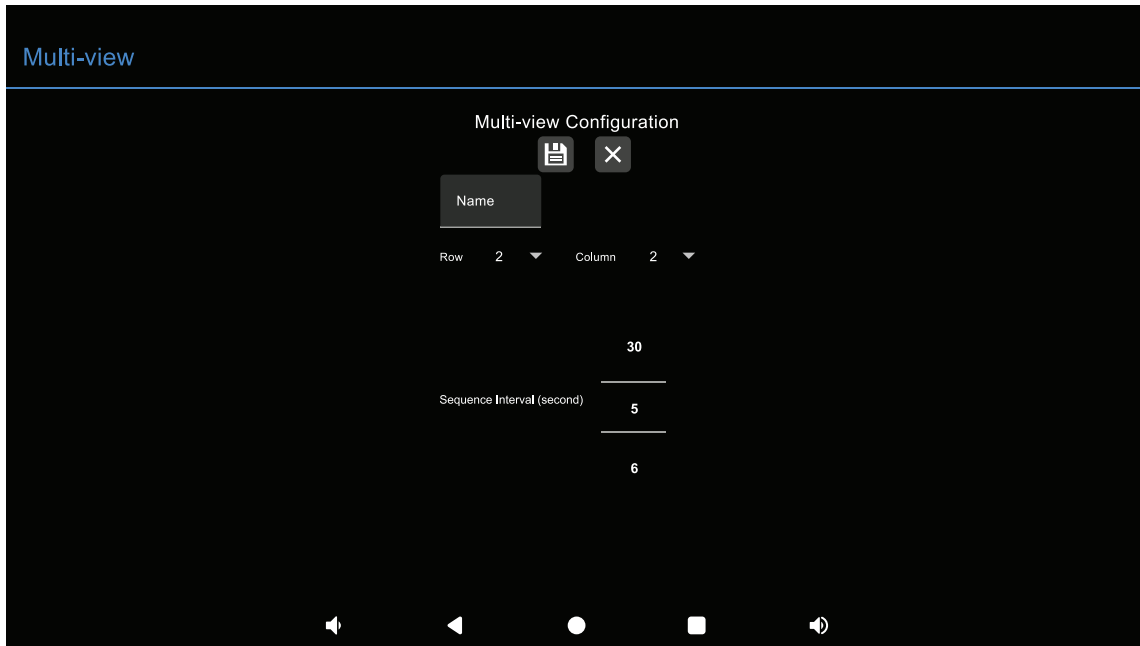
Multiview - Setup

- Name - multiview mode name
- Row - a number of row. Max. number is '4'.
- Column - a number of column. Max. number is '4'.
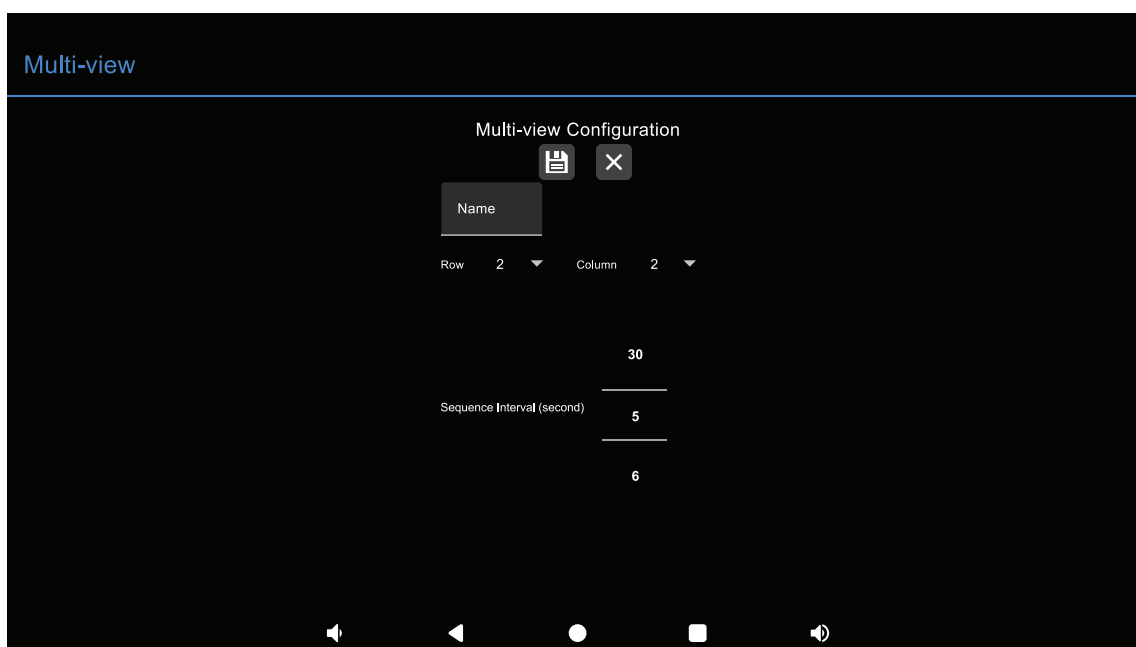- Sequence Interval - setup the sequential time between 5 and 30 sec. When user switch the sequential viewing mode from multiview viewing mode, the interval time of sequential viewing mode is done by this 'Sequence Interval'.
- User can also add several multiview viewing modes.

CONTROL AND FUNCTION

Multiview - Setup

Refer to Page 29

- Click ▤ to set up the detailed features
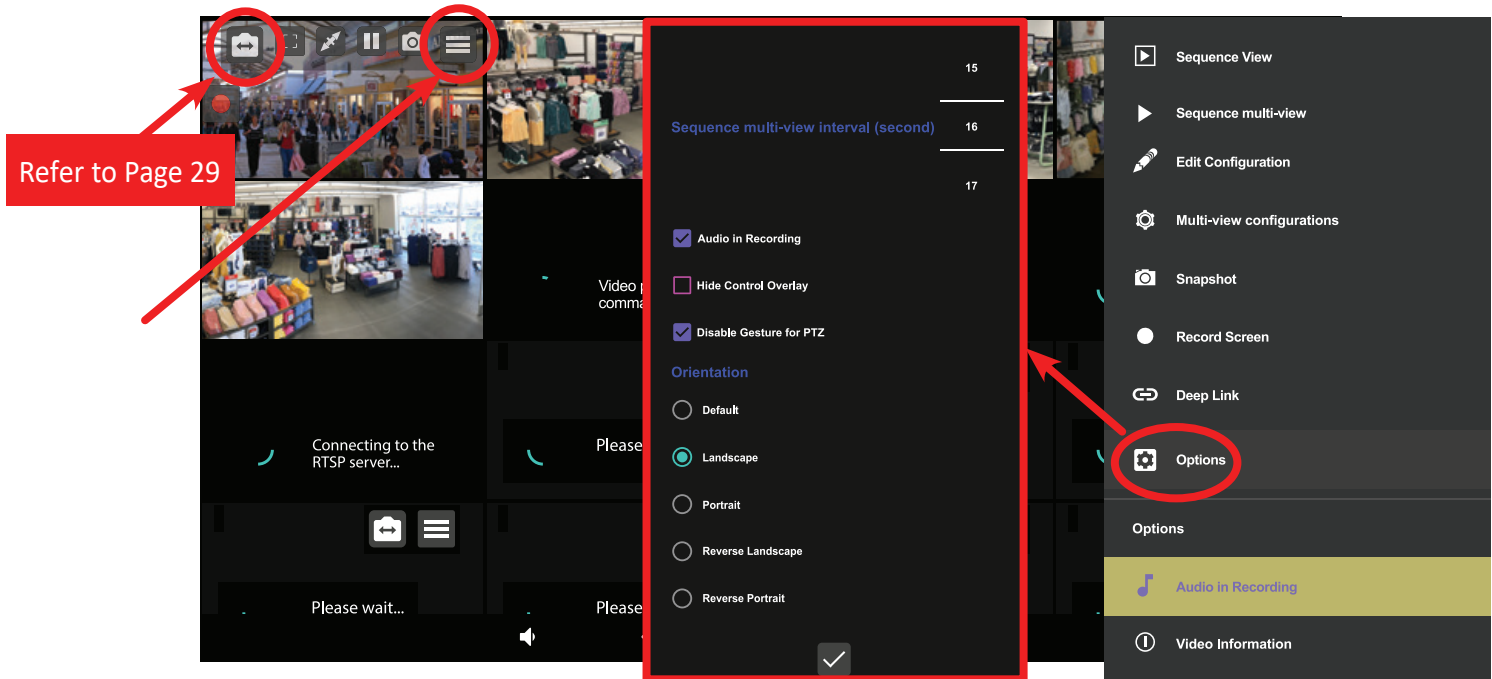- **Sequence View** - switch the viewing mode from multiview to sequence view
- **Sequence multi-view** - switch the viewing mode from multiview to sequence multi-view
- **Edit Configuration** - edit the current multiview mode
- **Multi-view configurations** - see all multiview mode (refer to page 26)
- **Snapshot** - take each snapshot of multiview screens at a time
- **Record Screen** - record the entire multiview screen as one screen
- **Deep Link** - not support
- **Options** - setup the **Sequence multi-view interval** (between 15 and 300 seconds), **Audio in Recording**, **Hide Control Overlay**, **Disable Gesture for PTZ** and **Orientation** (Default, Landscape, Portrait, Reverse Landscape, Reverse Portrait)
- **Audio in Recording** - turn on / off audio in recording video
- **Video Information** - display each device streaming information
- **Hide Control Overlay** - hide the camera control OSD on all multiview screen
- **Disable Gesture for PTZ** - block the PTZ control
- **Debugging Log** - using for developer

Note
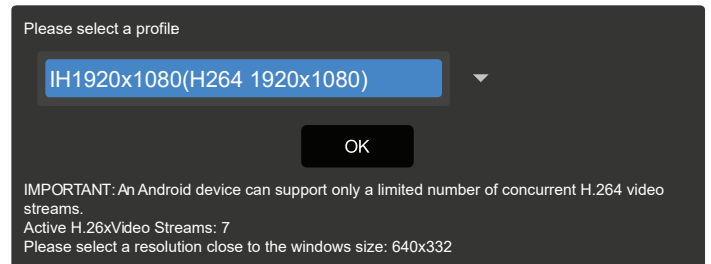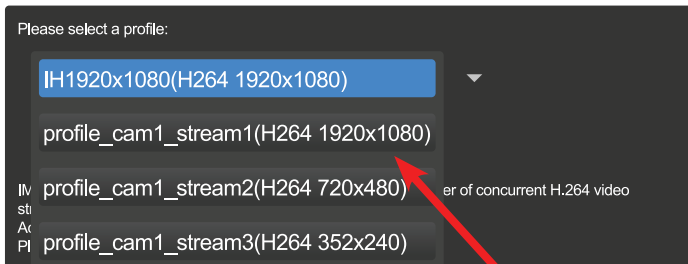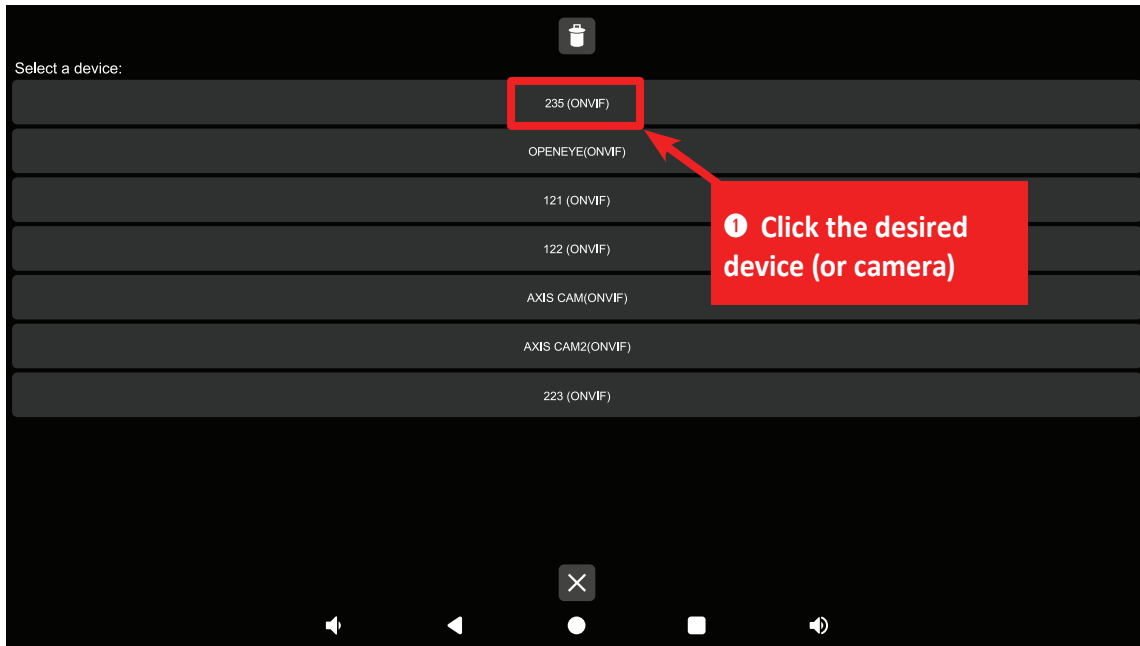- The detailed feature of multiview & sequence view is same.
- The sequence multi-view is running by the order of multi-view list (refer to page 27). For example, if user setup 3 multi-view viewing modes, user will sequentially see these 3 multi-view modes.

CONTROL AND FUNCTION

Multiview - Add or Switch the Device Display

Select a device:

235 (ONVIF)

OPENEYE(ONVIF)

121 (ONVIF)

122 (ONVIF)

AXIS CAM(ONVIF)

AXIS CAM2(ONVIF)

223 (ONVIF)

❶ **Click the desired device (or camera)**

Please select a profile:

IH1920x1080(H264 1920x1080)

profile_cam1_stream1(H264 1920x1080)

profile_cam1_stream2(H264 720x480)

profile_cam1_stream3(H264 352x240)

Please select a profile

IH1920x1080(H264 1920x1080)

OK

IMPORTANT: An Android device can support only a limited number of concurrent H.264 video streams.
Active H.26xVideo Streams: 7
Please select a resolution close to the windows size: 640x332

❷ **Click the desired profile**

- If user click [⇄] button, user can add the device or switch the current device display.
- Click [⇄] to see the above screen which show registered devices or cameras.
- If user click one of devices, then user can choose the streaming resolution. **OICV (ONVIF IP Cam Viewer)** App supports 1080p resolution on each screen of 16x16 channel viewing mode.
- Select the profile and click **'OK'** to apply it.

CONTROL AND FUNCTION

Multiview - Control A Device (Camera)
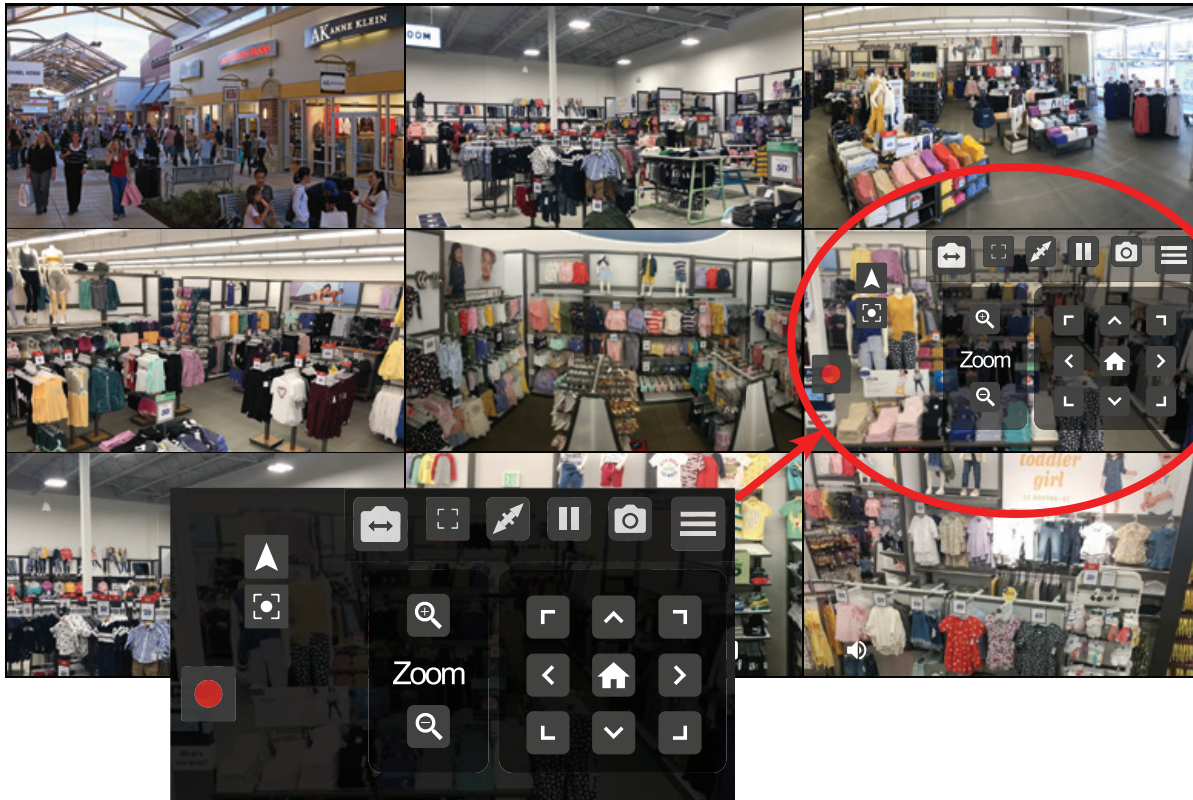
- Click [⬌] to add or switch a device (camera)
- Click [⛶] to display full screen (selected screen)
- Click [↗] to stretch the video to fill the window while maintaining the aspect ratio.
- Click [❚❚] to pause the video. Click [▶] to resume the video streaming.
- Click [◎] to take a snapshot.
- Click [≡] to set up the detailed features
- Click [⏺] to record a live video.

  Select "Record Screen" to start recording the screen. The information bar will let user to stop or keep recording a live

  stream as necessary. By using the back button (or right click of mouse) to stop the recording.

  Please note that the audio recording should be supported by streaming device (or camera).

- Click [⊡] to set the lens focus. Click [⊡] to set the lens focus with people. Click [⊡] to set the lens focus with background.
- Click buttons to control PTZ, if the selected camera support PTZ.
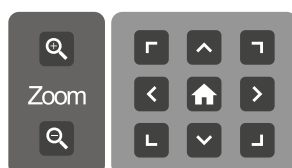
CONTROL AND FUNCTION
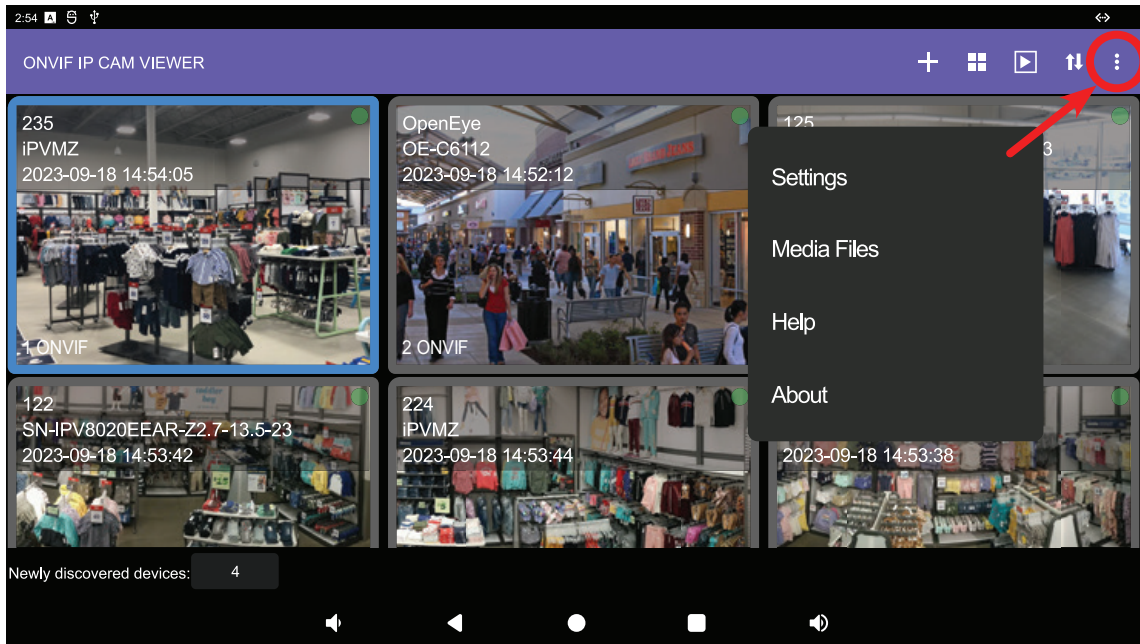
More Options

- Click [⋮] to access more options.
- **Settings** - expor & import saved device (camera) information, setup the saving location of media file and etc
- **Media Files** - See the saved screenshots, recorded video files and other files
- **Help** - Open the **ViewZ's ONVIF IP Cam Viewer** user manual
- **About** - Display **ViewZ's ONVIF IP Cam Viewer** version info

CONTROL AND FUNCTION

More Options - Settings
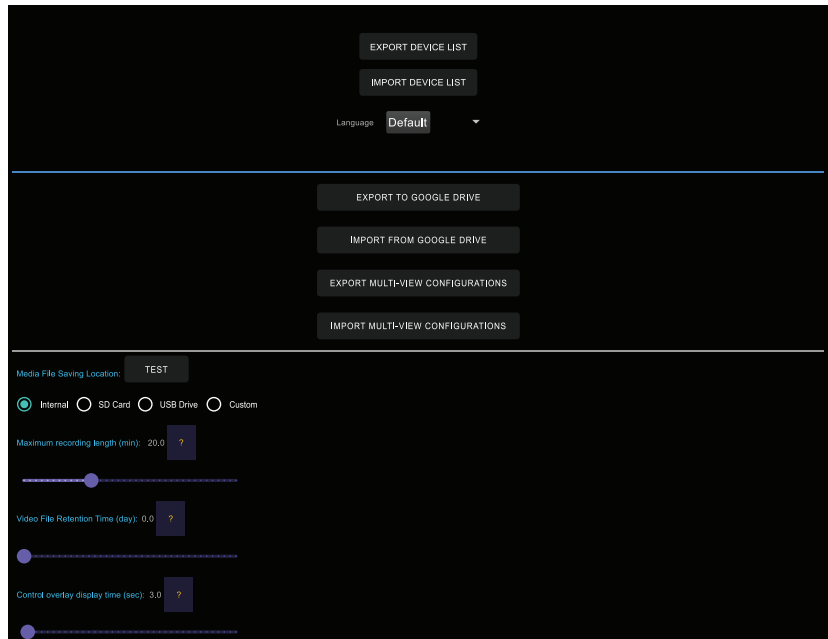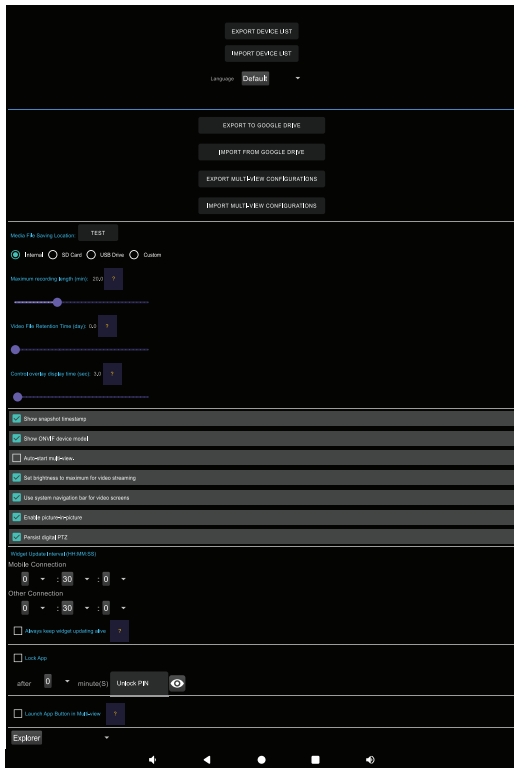
Click "**More Options/Settings**" to open the settings screen:

- **EXPORT DEVICE LIST** - export the configured device list to a file and share the list via some other installed apps such as Google Drive, Email
- **IMPORT DEVICE LIST** - import an exported device list from a file
- **Language** - setup the display language. The default language is English
- **EXPORT TO GOOGLE DRIVE** - export the configured device list to Google drive
- **IMPORT FROM GOOGLE DRIVE** - import an exported device list from Google drive
- **EXPORT MULTI-VIEW CONFIGURATION** - export the configured multi-view information to a file
- **IMPORT MULTI-VIEW CONFIGURATION** - import the configured multi-view information from a file
- **Media File Saving Location** - select the saving location among internal storage space, external SD card or USB drive (snapshots, video recording)

    Click '**TEST**' button to create a test file in the specified location

    Maximum recording length (min) - recording video stops at the maximum recording time (0 ～ 60 minutes)

    Video File Retention Time (day) - video files older than the retention time are deleted. Value 0 means no deletion (0 ～ 60 days)

    Control Overlay Display Time (sec) - setup the OSD display time (0 ～ 60 seconds)

CONTROL AND FUNCTION

More Options - Settings
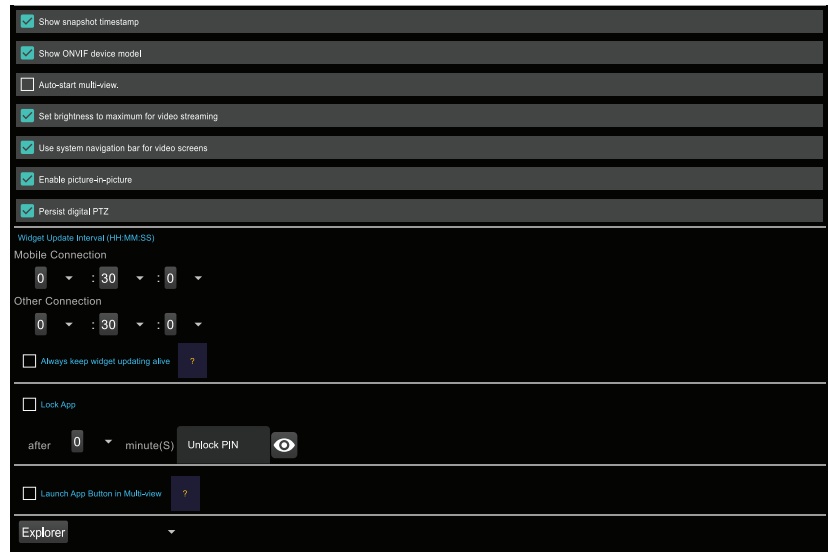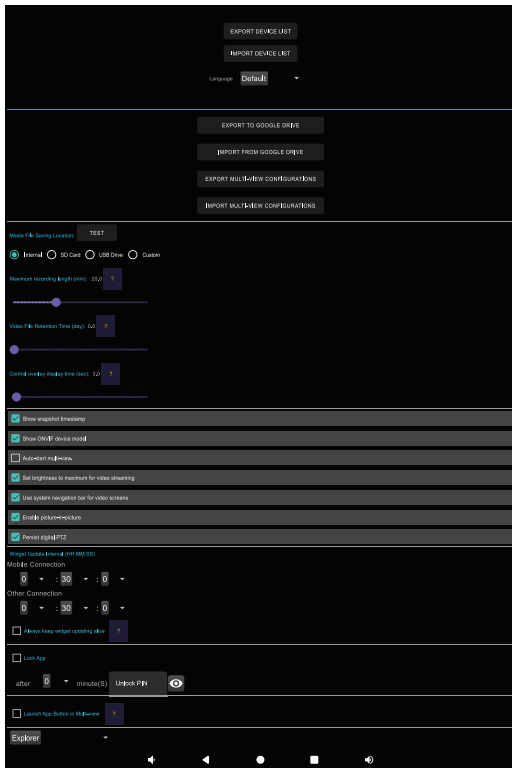
- **Show Snapshot Timestamp -** show or hide background snapshot timestamps on the device (camera) screen
- **Show ONVIF -** show or hide ONVIF device models on the multiview screen
- **Auto-start Multi-View -** when user enable this option, **ONVIF IP Cam Viewer** App will automatically show multiview screen on launching App
- **Set Brightness to Maximum for Video Streaming** - setup the maximum brightness during device (camera) streaming
- **Use System Navigation Bar for Video Screens** - show or hide system navigation bar on device (camera) screen
- **Enable Picture-In-Picture** - enable or disable about picture-in-picture mode
- **Persist Digital PTZ** - enable or disable about PTZ control
- **Widget Update Interval** - specify the widget background snapshot updating interval for mobile connection or other types of network connections
- **Lock App** - setup the automatic lockdown time of **ONVIF IP Cam Viewer** App if there are no actions
- **Launch App Button in Multi-view** - when user enable this option, **ONVIF IP Cam Viewer** App will automatically show multiview screen on launching App

CONTROL AND FUNCTION

Q & A

- **Cannot connect the IP camera / device**

  A. Please check the network address and IPM monitor address of IP camera is connected to the local network

- **The screen of camera is slow and lagging**

  A. Check the profile of the camera, MJPEG profile could be slow or lagging because of the low fps.

- **Cannot add/register the camera on the ,ultiview screen**

  A. When user set up the profile, the limitation of H.264 profile is up to 6. For the smooth process of the profile, please select the low resolution of streaming if network connection is not stable.

- **Cannot save**

  A. If there are saved clips through the "File Explorer", check the internal storage is not full.

- **Don't know the camera password**

  A. Contact the manufacturer of the camera and try to restore factory default of camera. Then, try again.

- **The screen freeze suddenly**

  A. Check the network connection or camera/device status.

MOUNTING GUIDE

Wall Mounting (Optional)

VZ-IPM monitors are suitable for VESA wall mount (not included in the delivery).
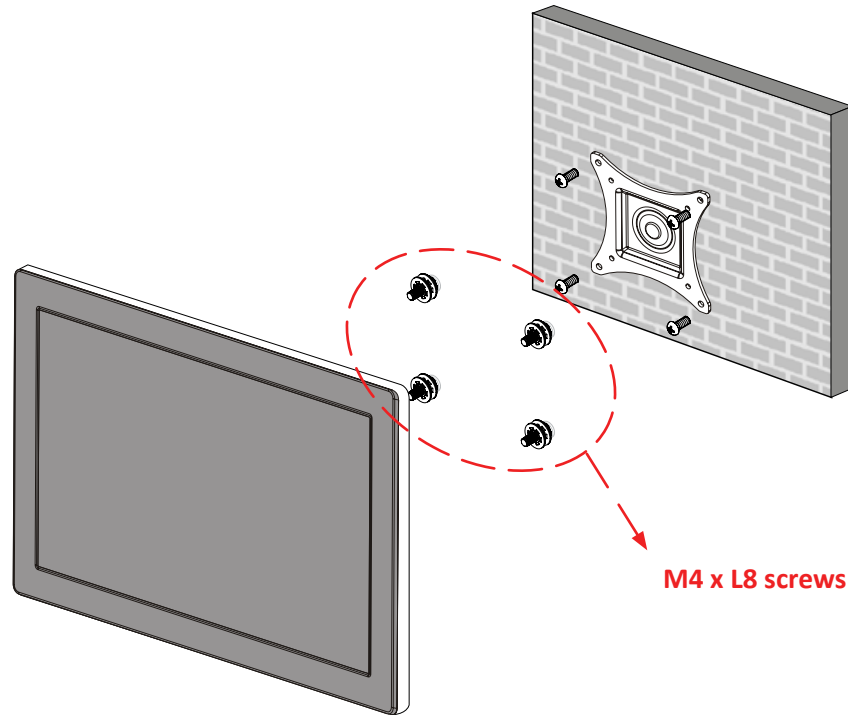
M4 x L8 screws

1. VZ-24IPM : VESA WALL MOUNT 100 mm x 100 mm
2. VZ-32IPM : VESA WALL MOUNT 200 mm x 200 mm

! **Attention!**
   VZ-24IPM : You must use 4 * M4 x L8 screws to assemble this monitor and the wall mount bracket..
   VZ-32IPM : You must use 4 * M6 x L8 screws to assemble this monitor and the wall mount bracket..

! **WARNING !**
   If user uses screws longer than M4 x L8 mm for VZ-24IPM, M6 x L8 mm for VZ-32IP, it may cause damage to the unit. Please use bolt of correct size and length as instructed.

⚠ **Mounting Safety !**
   At least two people are recommended to safely install the mount.

SPECIFICATION

Model No.	VZ-24IPM	VZ-32IPM
Size & Type	23.8"	32"
LCD — Panel Type	23.8'' LED Backlit Monitor	32'' LED Backlit Monitor
Pixel Pitch	0.2745 (H) x 0.2745 (V) mm	0.36375 (H) x 0.36375 (V) mm
Brightness	250 cd/m²	250 cd/m²
Contrast Ratio	1000 : 1(Typ.)	1200 : 1(Typ.)
Viewing Angle	R/L : 89°/ 89° U/D : 89°/ 89°	R/L : 89°/ 89° U/D : 89°/ 89°
Display Color	16.7 Million Colors	16.7 Million Colors
Response Time	< 14 ms	< 8 ms
Active Display Area	527.04 (H) x 296.46 (V) mm	698.4 (H) x 392.85 (V) mm
Resolution	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)
Aspect Ratio	16 : 9	16 : 9
Case Type	Black Plastic	Black Plastic
Speaker	2 x 3W	2 x 5W
Operating Temperature	14°F ~ 122°F / -10°C ~ 50°C	32°F ~ 140°F / 0°C ~ 60°C
Operating Humidity	20 ~ 70% RH	
Weight	Net : 8.26 lb / 3.75 kg Gross : 12.23 lb / 5.55 kg	Net : 27.62lb / 12.53 kg Gross : 34.43 lb / 15.62 kg
INTERFACE	Ethernet 10/100 In x 1, USB 2.0 (Type-A) In x 1, USB 3.0 (Type-A) In x 1, USB (Type-C) In x 1, Audio Out x 1, I/O (Reset) x 1, Micro SD In x 1, HDMI (High Definition Multimedia Interface) In / Out x 1 /1	
Safety & EMC Certification	CE / FCC / KCC / RoHS	
Electrical Ratings	12V DC, 4A (AC 100-240V, 50/60Hz (with DC Adaptor))	AC 100-240V, 50/60Hz
Power Consumption	≤ 32 W	≤ 32 W
Accessories	Power Supply & Cable, User's Manual, Remote Controller	

TERMS OF WARRANTY / RMA

- The warranty period for this monitor is 3 years. The warranty will be voided for the scenarios listed below.
- You can also download the manual and information of VIEWZ web site: VIEWZUSA.COM

Cases of Non-Warranty Coverage	When power feed to the monitor exceeds capacity and causes damage
	Accident, Abuse, Misuse, Neglect, Fire, Water/liquids, Lightning or any act of nature
	Damaged by dropping, throwing and hitting the monitor
	Failure caused by users attempt to modify the product
	Failure by limited life of parts such as LED Lamps and any other consumables
	Damaged by using third party power cable, unstable power input and electric shock

* Above information can be changed without notification - please check our website or contact ViewZ representative for latest RMA service policy.

* When shipping the monitor for RMA, make sure to pack safely to ensure the monitor is not damaged during shipping.

ViewZ

WARRANTY

ViewZ USA
LIMITED 3 YEAR WARRANTY

What and Who is Covered by this Limited Warranty and for How Long
ViewZ USA warrants this product to be free from defects in material and workmanship for 3 years to the original owner of this product. The limited warranty is valid only for the original purchaser of the product.

What ViewZ USA Will Do
At the sole discretion of ViewZ USA, ViewZ USA will repair or replace any product or product part that is defective. If ViewZ USA chooses to replace a defective product or part, a replacement product or part will be shipped to you at no charge, but you must pay any labor costs.

What is Not Covered; Limitations
ViewZ USA disclaims any liability for damage to mounts, adapters, displays, projectors, other property, or personal injury resulting, in whole or in part, from improper installation, modification, use or misuse of its products.

ViewZ USA disclaims all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose. ViewZ USA is not responsible for incidental or consequential damages, including but not limited to, inability to use its products or labor costs for removing and replacing defective products or parts. Some states do not allow the exclusion or limitation of incidental or consequential damage, so the above limitation or exclusion many not apply to you.

What Customers Must Do for Limited Warranty Service
If you discover a problem that you think may be covered by the warranty you MUST REPORT it in writing to the address below within thirty (30) days. Proof of purchase (an original sales receipt) from the original consumer purchaser must accompany all warranty claims. Warranty claims must also include a description of the problem, the purchaser's name, address, and telephone number. General inquiries can be addressed to ViewZ USA Customer Service at 1-888-998-4399. Warranty claims will not be accepted over the phone or by fax.

> ViewZ USA
> Attn: Warranty Claim
> 177 W. Orangethorpe Ave.
> Placentia, CA 92870

How State Law Applies
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Disclaimer

ViewZ USA intends to make this manual accurate and complete. However, ViewZ USA makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this monitor. The information contained in this document is subject to change without notice or obligation of any kind. ViewZ USA makes no representation of warranty, expressed or implied, regarding the information contained herein. ViewZ USA assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

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