ACTi
Connecting Vision

Quick Installation Guide

INR-310
64-Channel 6-Bay Tower Standalone NVR

INR-320
64-Channel 6-Bay RAID Tower Standalone NVR

INR-330
64-Channel 8-Bay Rackmount Standalone NVR

BEFORE YOU START

Thank you for purchasing ACTi Standalone Network Video Recorder. This guide contains all the information you need to quickly set up ACTi INR server system via local interface.

For detailed instructions on installation, operation and how to log in to INR as a web client, please refer to the product manuals provided on ACTi corporate website.

The items below are prerequisite for installation:

- Network cameras
- Network cables
- Network switch
- Monitor (with VGA cable)
- USB mouse
- At least one ACTi-certified 3.5-inch SATA hard disk.
  Find the certified disk models at http://www.acti.com/hddselector

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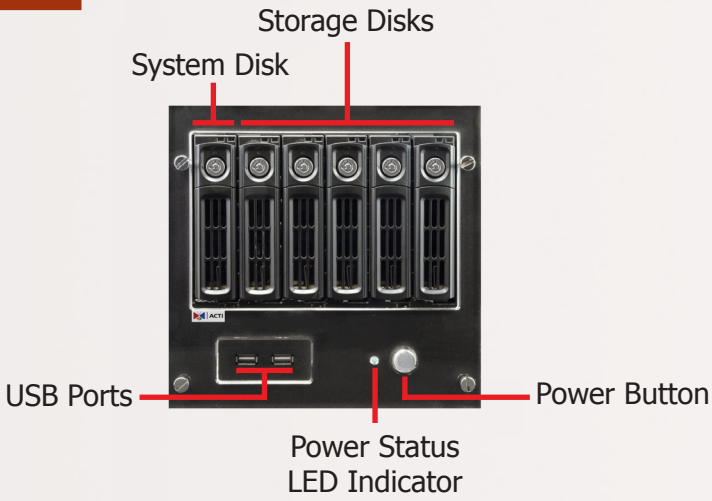
INR-310/320 HARDWARE INSTALLATION

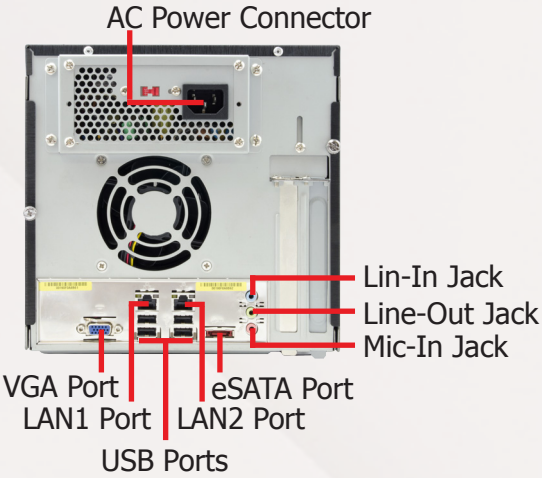
UNPACK

This package contains:

- INR x 1
- Accessories
- Warranty Card x 1
- Printed QIG x 1
- Power Cord x 1
- Universal Converter x 1

AT A GLANCE





HARD DISK INSTALLATION

TURN OFF THIS UNIT before you move the trays. Repeat the following steps to install the disks into **Storage Disk** bays.

MOUNT THE DISK

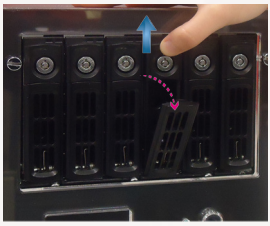
Step 3

Mount the disk by locking it with supplied disk screws to the bottom of the tray.

REMOVE THE TRAY

Step 1

Slide the lock tab up, the hinge tab will pop out by itself.



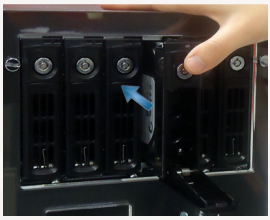
Step 2

Pull the hinge tab to 90 degress from the front, and pull out the tray.

INSTALL THE TRAY

Step 4

Place your thumb on the lock to push the tray into position in the chassis.



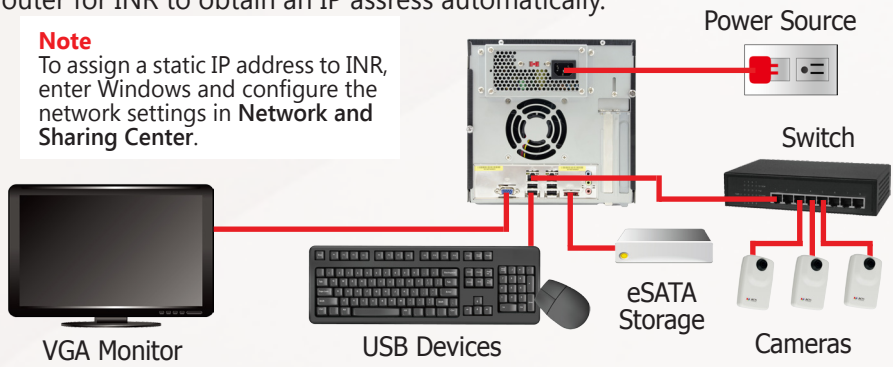
Step 5

Press the hinge tab until it clicks into place.

CONNECT THE DEVICES

The examle below displays a network consisting of only INR, network cameras and required peripherals. Please remember to enable the DHCP service on your router for INR to obtain an IP assress automatically.

Note
To assign a static IP address to INR, enter Windows and configure the network settings in **Network and Sharing Center**.



START-UP

1. On the unit's front panel, press down **Power Button** to turn on the unit.
2. As this unit starts up, you will enter Windows logon screen. Input the password "123456" to log in as administrator.

CREATE HARDWARE RAID

As INR-320 supports hardware RAID configuration, you can make disk arrays using the bundled software utility.

1. On Windows Desktop, double-click on the shortcut to initialize the RAID management utility.
2. On **Basic RAID Configuration** tab, select a RAID type and click on "**Apply**".

3. After the configuration is complete, the RAID information will appear.

Note

Before removing or inserting the hard disk trays, please make sure the unit is turned off.

Moving the trays while the unit is operating can cause damage to the disk.

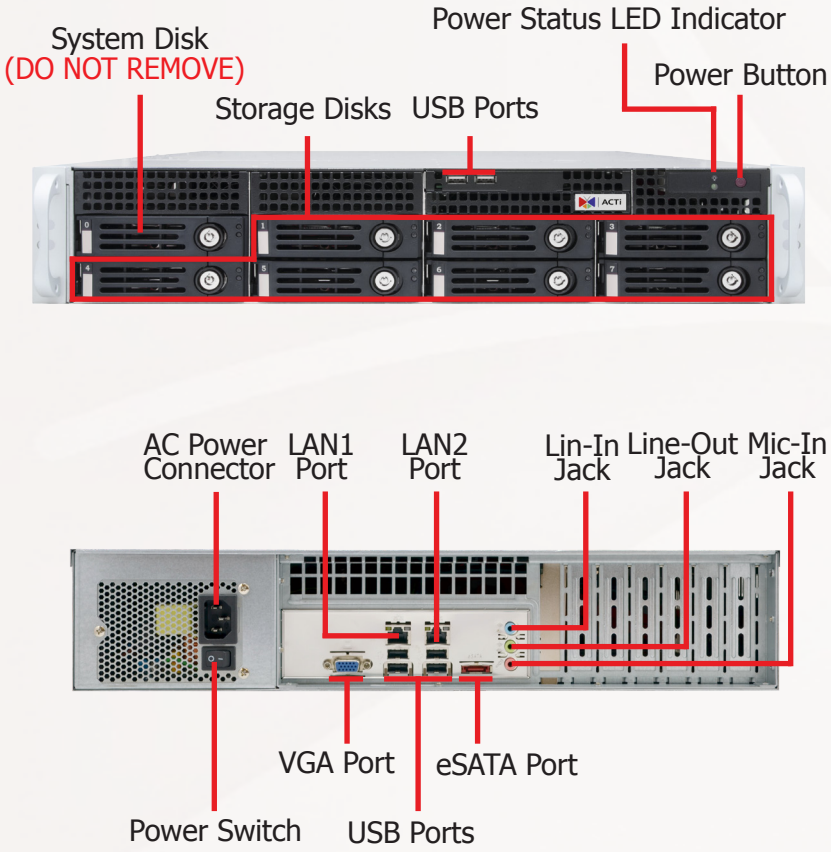
INR-330 HARDWARE INSTALLATION

UNPACK

This package contains:

- INR x 1
- Accessories
- Warranty Card x 1
- Printed QIG x 1
- Power Cord x 1
- Universal Converter x 1
- HDD Tray Keys
- Dust Cover x 1

AT A GLANCE



RACKMOUNT THE UNIT

This unit is designed to be mounted on a standard server rack, which occupies 2U (3.5”) of vertical space.

1. Allow a minimum of 5 cm clearance at the front and the rear for front-to-back airflow of the unit.
2. Prepare a rack shelf rated for the unit’s weight or purchase the rail kit from ACTi, and install that to support the entire unit.
3. Secure the unit onto the rack.

INR Sliding Rail Kit

HARD DISK INSTALLATION

Make sure this unit is turned off, and insert the hard disks into the disk bays following the sequence of tray numbers.

REMOVE THE TRAY

Step 1
Slide the lock tab aside, and the hinge tab will pop out by itself.

Step 2
Hold the tab lever and pull out the tray.

INSTALL THE TRAY

Step 4
Place your thumb on the lock to push the tray into position in the chassis.

Step 5
Press the hinge tab until it clicks into place.

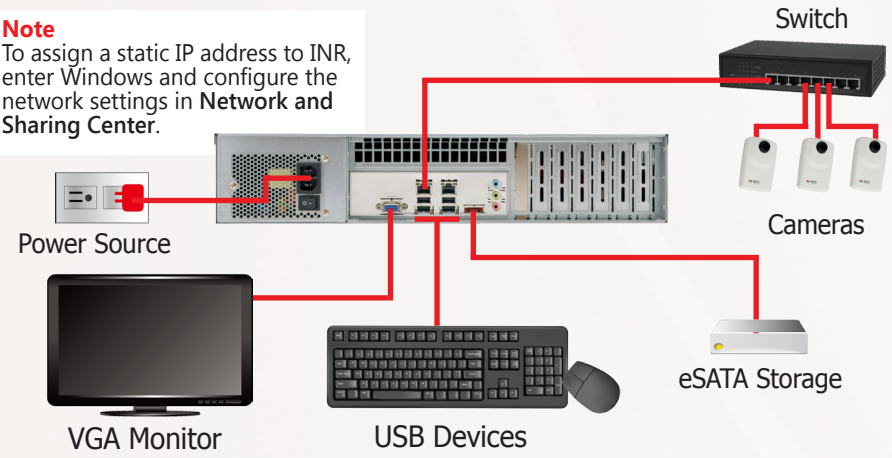
MOUNT THE DISK

Step 3
Loosen the two screws on the tray to remove the dummy disk. Secure the hard disk on the tray with the provided disk screws. Make sure the disk connector faces towards the SATA contacts inside the unit.

CONNECT THE DEVICES

The example below displays a network consisting of only INR, network cameras and required peripherals. Please remember to enable the DHCP service on your router for INR to obtain an IP assress automatically.

Note
To assign a static IP address to INR, enter Windows and configure the network settings in **Network and Sharing Center**.



ATTACH THE DUST COVER

After you finish configuring INR system, remember to lock the disk trays using the provided keys and attach the dust cover to the unit's front panel.

Step 1
Align the left end hooks to the holes on the unit's left handle.

Step 2
Press the latch and push the right end towards the unit's right handle until it clicks into place.

START-UP

1. (For INR-330) On the unit's rear panel, press down the **Power Switch** to the side with " **I** " mark.
2. On the unit's front panel, press down **Power Button** to turn on the unit.
3. As this unit starts up, you will enter Windows logon screen, and input the pass word "123456" to log in as administrator.

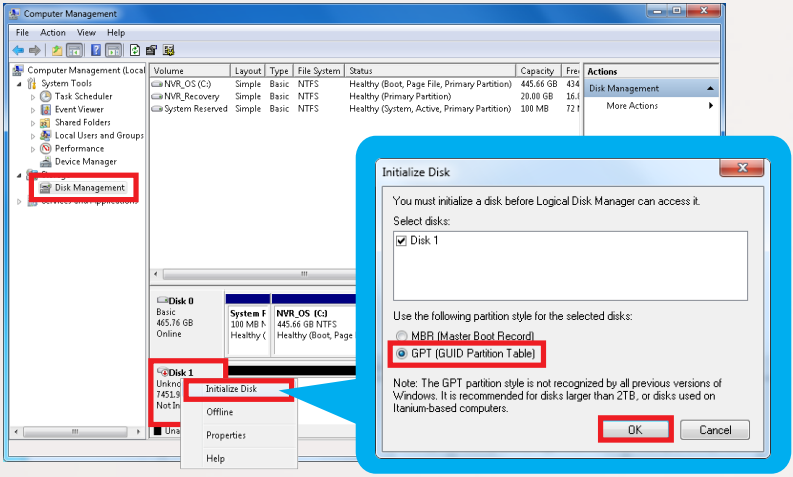
SOFTWARE CONFIGURATION

CREATE DISK VOLUMES

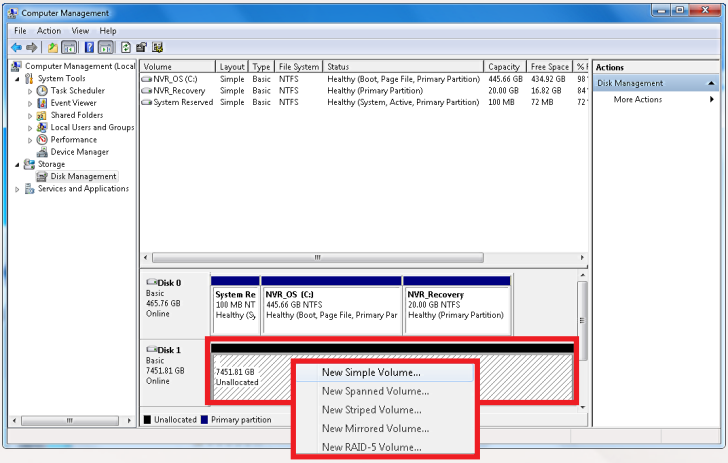
Use **Windows Disk Management** to create disk volumes so that INR can access the available storage space.

1. In Windows Search Box, search and enter "*computer management*".

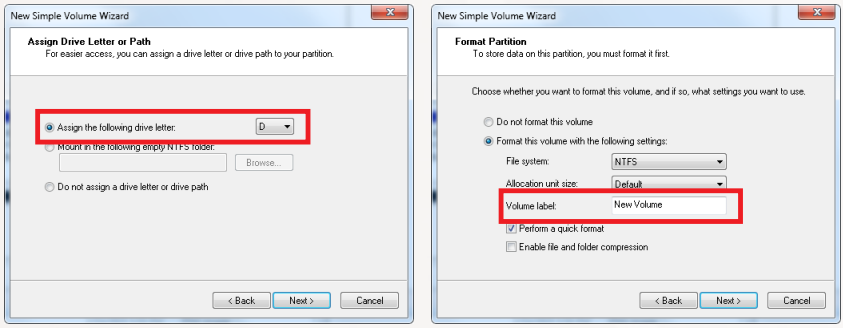
2. Select "**Disk Management**", right-click on a disk title and select "**Initialize Disk**", choose "**GPT**" as the partition style and click on"**OK**".



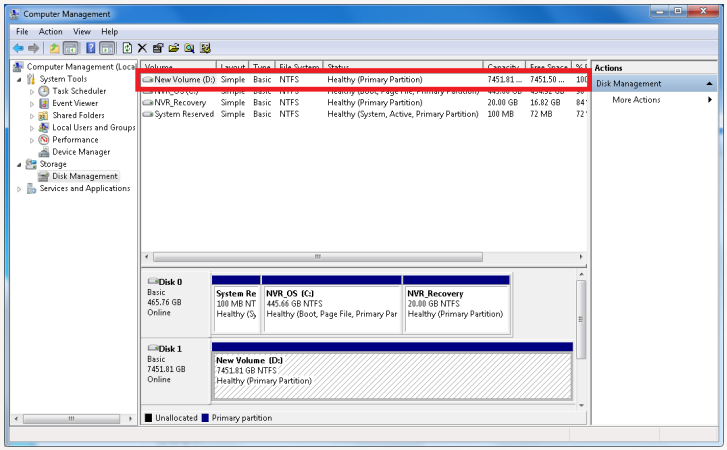
3. Right-click on the initialized disk and select the volume type to make a new volume.



4. On New Volume Wizard window, make sure you assign the desired drive letter and give a proper label name to this volume.



5. After the volume is created, it is shown on volume list and is ready for recording.



Note

To make a Striped volume, a Mirrored volume or a RAID-5 volume, it is recommended to select disks of the same model and capacity.

Note

For detailed instructions on choosing the RAID types and troubleshooting hard disk issues, please refer to System Administrator's manual provided on ACTi Download Center at http://www.acti.com/downloadcenter

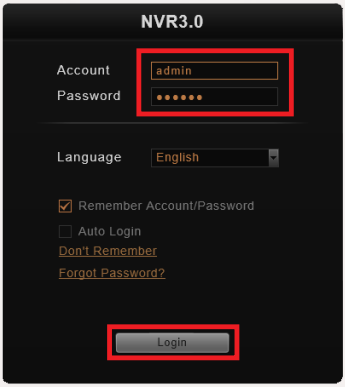
LOG IN

On Windows Destop, double-click on

to enter NVR interface. Input the default account and password to log in.

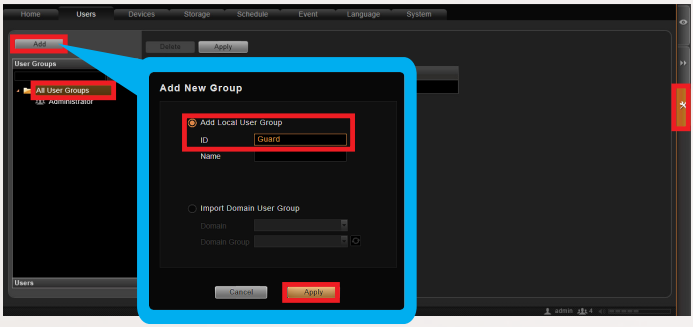
Account: admin
Password: 123456

"123456" is the default password of NVR system administrator's user account. For security reasons, please remember to change it.

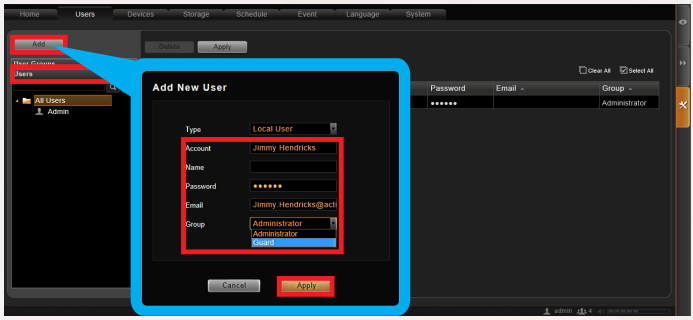


CREATE USERS

On NVR screen, click Setup button to enter **Setup** page and then **Users** tab.
1. Select "**User Groups**", click "**Add**" to start adding a new user group.
2. Input group **ID** and click "**Apply**".

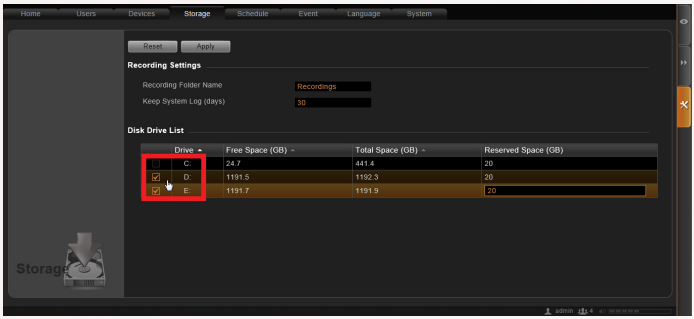


3. Click on the title bar of **Users** panel, click "**Add**" to start adding a new user.
4. Input user's **Account**, **Password**, **Email** address and select its User **Group**, and then click "**Apply**".



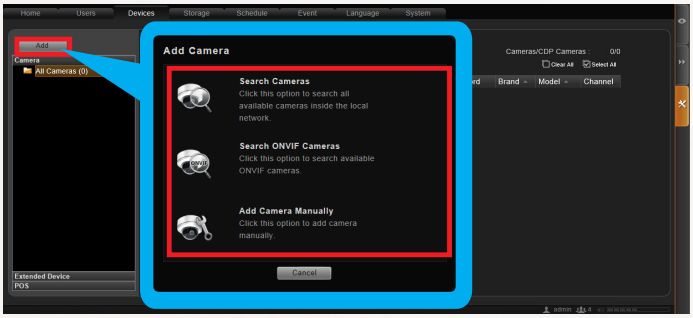
SELECT STORAGE DRIVES

1. Go to **Setup** page and then **Storage** tab.
2. On **Disk Drive List**, de-select C Drive, and select other storage drives.
3. Click "**Apply**".



ADD CAMERAS

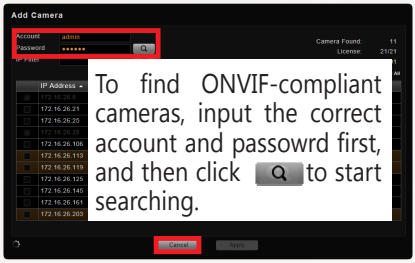
1. Go to **Setup** page and then **Devices** tab.
2. Click "**Add**".



3. Choose a search method based on your network environment and camera brand.

Search Cameras

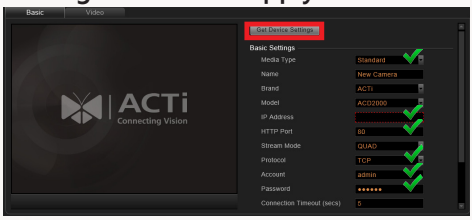
Use "**Search Cameras**" to auto-search the network for ACTi cameras, or "**Search ONVIF Cameras**" for ONVIF-compliant cameras of any brand. After selecting your desired cameras, click "**Apply**".



To find ONVIF-compliant cameras, input the correct account and passowrd first, and then click to start searching.

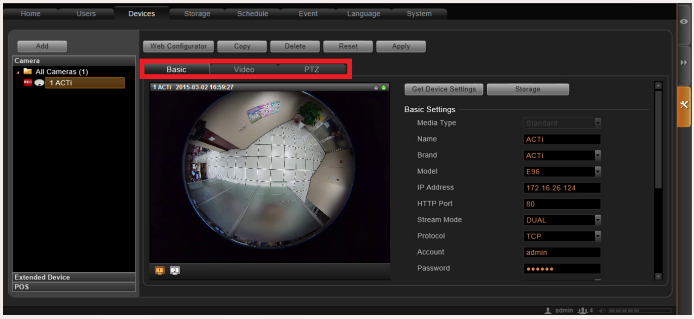
Add Camera Manually

If you are adding a camera located in another network, use "**Add Camera Manually**". Fill in **Media Type**, **Protocol**, **IP Address**, **HTTP Port**, **Account** and **Password**. Finally, click "**Get Device Settings**" and then "**Apply**".



CONFIGURE CAMERA SETTINGS

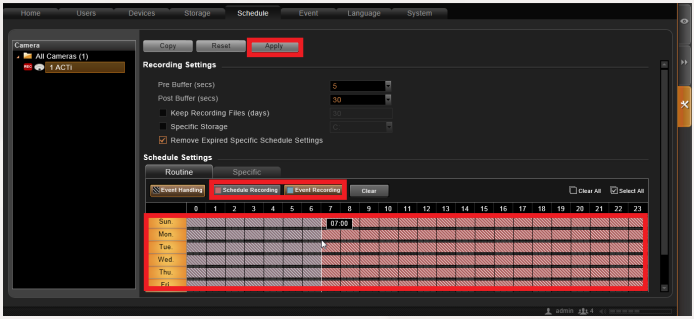
1. Go to **Setup** page and then **Devices** tab. Choose the camera from **Camera List**.
2. Select **Basic**, **Video**, **PTZ**, or **Preset Tour** tab to configure related settings.



SET RECORDING SCHEDULE

The recording service automatically starts full-time recording for a newly added camera. You can modify the recording schedule to suit your needs.

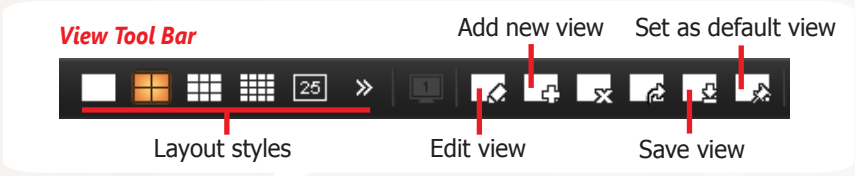
1. Go to **Setup** page and then **Schedule** tab. Select the camera from **Camera List**.
2. Choose a recording mode: Schedule Recording or Event Recording
   Schedule Recording: Records video continuously during the scheduled session.
   Event Recording: Records video based on specific triggers such as when a motion is deteced by the camera.
3. Drag on the time table to define the time session.
4. Click "**Apply**".

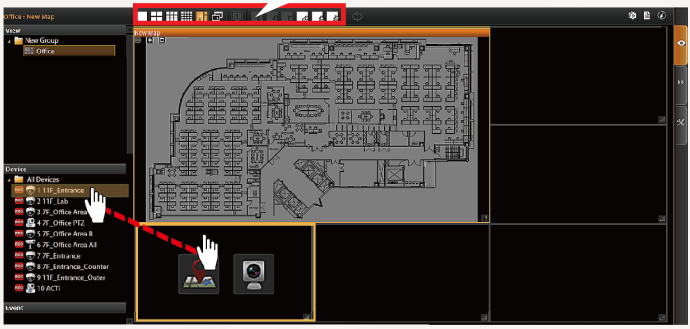


Note
If you have any question during system installation, please feel free to contact our engineers via **ACTi Customer Help Desk platform** at http://www.acti.com/CHD

CUSTOMIZE VIEWS

1. Go to **Live View** page. On top of the screen, click on view tool bar to create a new layout, then click to enter edit mode.
2. Select a layout style.
3. To add a camera view, pull a camera from **Camera List** to a channel.
   To add a map view, select a channel and click , upload the map, drag the lower right corner to adjust channel size.
4. On view tool bar, click to save this view.
5. You can set this view as default view by clicking on .





VALIDATION

To check live streaming of all channels, go to **Live View** page, double-click on All Cameras on **Camera List**.

To check recording, go to **Playback** page, and then select (double-click) a view from **View List** or a camera from **Camera List**. Drag on the time bar to see the recorded video.

Due to continuous product improvements, some contents may have changed from the time this documentation was printed. You can download the latest user documentation, which shall prevail over the printed version provided in the package, from http://www.acti.com/downloadcenter.