

Quick Installation Guide

ENR-620P

9-Channel 2-Bay Lockbox Standalone NVR
with 8-port PoE connectors

ENR-621P

32-Channel 2-Bay Lockbox Standalone NVR
with 16-port PoE connectors

BEFORE YOU START

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

For detailed instructions on installation and operation, please search for the product manuals on <http://www.acti.com/downloadcenter>.

The items below are required for installation:

- Network cameras
- Monitor (with HDMI input and the cable)
- Network cables
- Network switch
- At least one ACTI-certified 3.5 inch SATA hard disk

Check the list of certified models in <http://www.acti.com/hddselector>

If you have any problems during installation, please contact us via <https://www.acti.com/CHD> or US/Canada toll-free number: 1-866-410-2284 (ACTI)

1 UNPACK

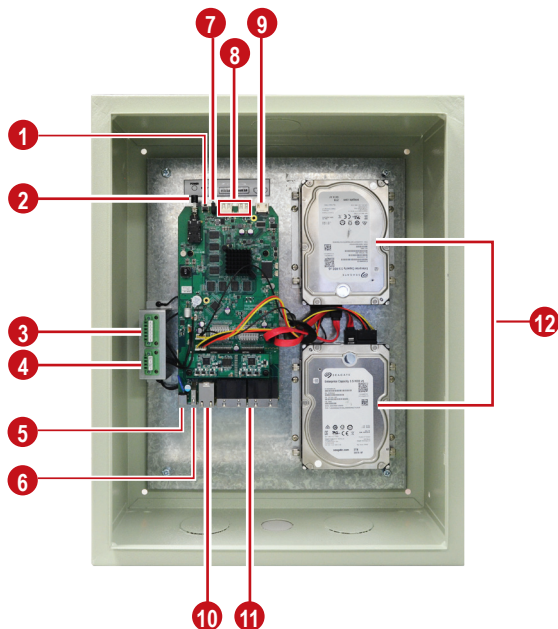
This package includes the following items:

- ENR Unit
- Power adapter
- Power cord
- Socket converter
- Hard disk screw pack
- Keys x 2
- USB mouse
- Terminal blocks x 2

2 AT A GLANCE

INSIDE THE LOCKBOX

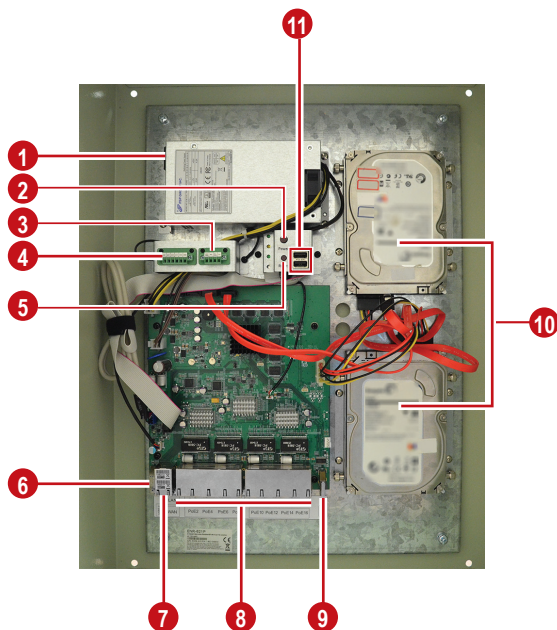
ENR-620P



- | | |
|--------------------------|---|
| 1 Reset Button | 7 LED Indicators
<i>Power (Blue), System (Red), HDD Activity (Green)</i> |
| 2 Power Button | 8 USB 2.0 Ports (2) |
| 3 Digital Input / Output | 9 HDMI Port |
| 4 Audio Input / Output | 10 Ethernet Ports (LAN / WAN) |
| 5 DC 48V Power Input | 11 PoE Ports
<i>(ENR-620P x 8)</i> |
| 6 USB 3.0 Port | 12 Hard Disk Bay (2)
<i>(HDDs are not included in the package)</i> |

INSIDE THE LOCKBOX

ENR-621P



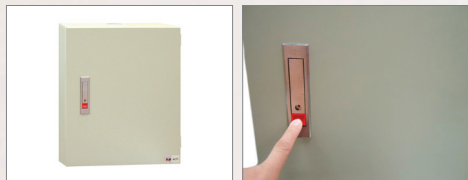
- | | |
|--------------------------|---|
| 1 AC Power Input | 7 Ethernet Ports (LAN / WAN) |
| 2 Power Button | 8 PoE Ports (16) |
| 3 Audio Input / Output | 9 HDMI Port |
| 4 Digital Input / Output | 10 Hard Disk Bay (2)
<i>(HDDs are not included in the package)</i> |
| 5 Reset Button | 11 USB 2.0 Ports (2) |
| 6 USB 3.0 Port | |

3 INSTALL HARD DISK DRIVE

NOTE: The photos below are for reference only, actual unit and parts may vary. However, the same procedures apply for the ENR models covered in this QIG.

Step 1

Press the red button to open the front cover.



Step 2

Remove one pair of HDD brackets.



Step 3

Attach one bracket on each side of the HDD.

NOTE: Depending on the hard disk drive, attach at least two (2) screws on each side of the hdd to properly secure the bracket.



Step 4

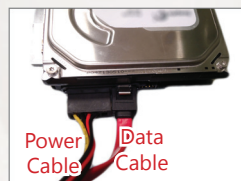
Take note of the SATA cable label, this will determine which one is HDD1 or HDD2 on the ENR user interface.



Step 5

Connect the data cable and the power cable to the hard disk.

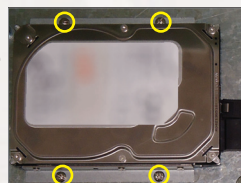
NOTE: Take note of the connectors direction.



Step 6

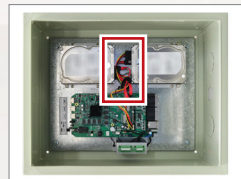
Attach the four (4) screws to secure the hdd brackets to the lockbox.

Repeat steps 2 ~ 6 to install the other hard disk drive.



NOTE:

Take note of the cable direction when installing the hard disk drives.



Step 7

Tie the data and power cables using the black velcro strip to organize the cables.



4 MOUNT THE ENR

After installing the hard disk drive, prepare to mount the ENR to the wall.

NOTE: Make sure the wall is strong enough to withstand the weight of the ENR and other connected cables.

Before you start, plan the installation. Determine how many cables will be connected to the mainboard and where the cables will be routed.

There are three (3) allotted cable holes on the bottom of the ENR, and one on the top.

Step 1

Push to remove the temporary covers of the cable holes, as needed.



Step 2

Align the ENR to the wall and mark the position of the four (4) screw holes.

Step 3

Install the ENR to the wall using four (4) screws.

NOTE: The wall screws are not included in the package. Use appropriate screws according to the wall material where the ENR will be installed.



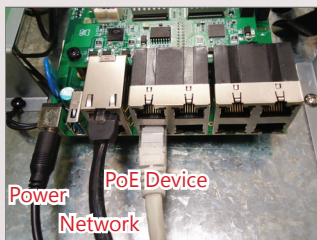
Step 4

Route the cables through the cable holes of the ENR.



Step 5

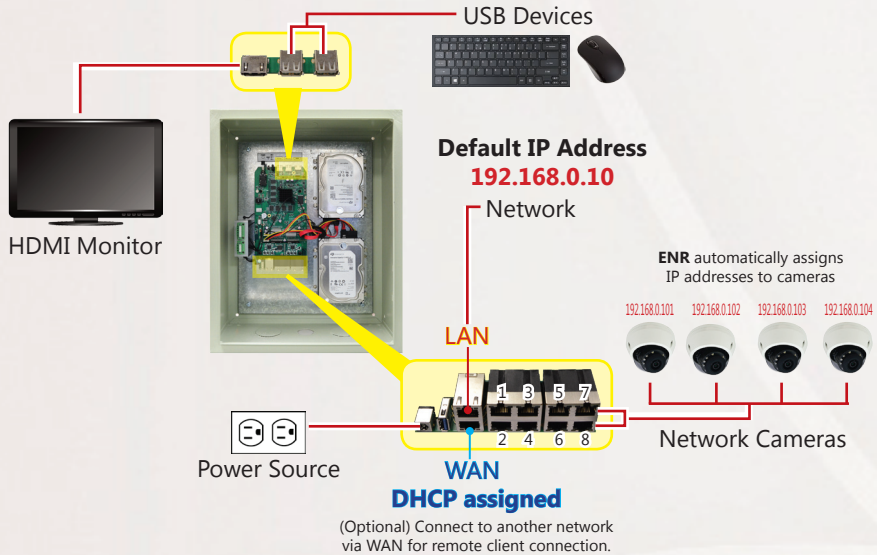
Connect the cables to the connectors on the mainboard accordingly (see "**CONNECTIONS**" on the next page for more details).



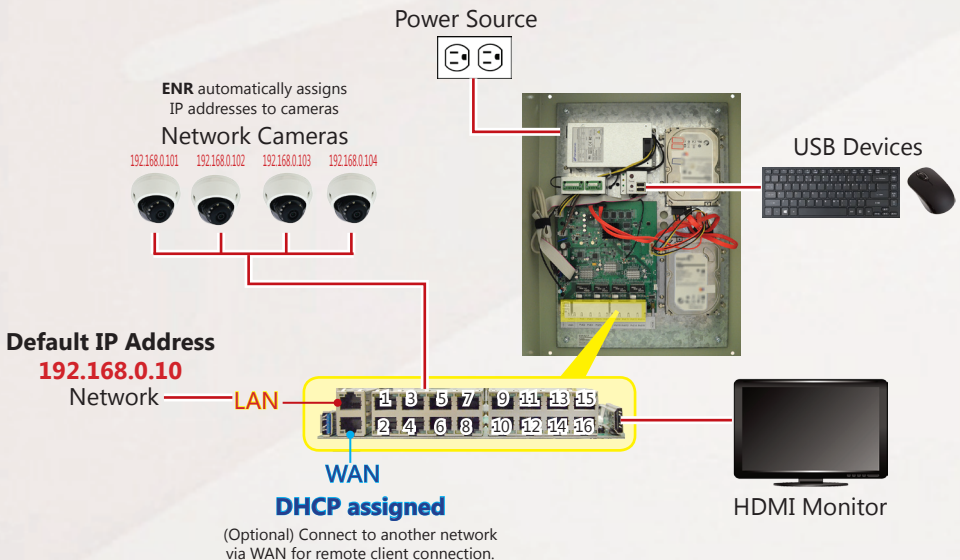
5 CONNECTIONS

The example below displays a network with ENR and basic required peripherals to start using the device.

ENR-620P



ENR-621P

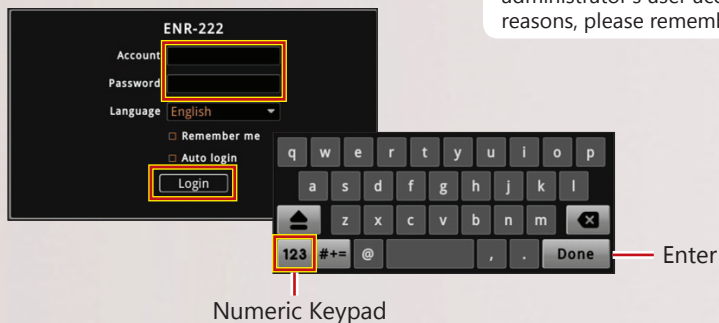


6 LOGIN

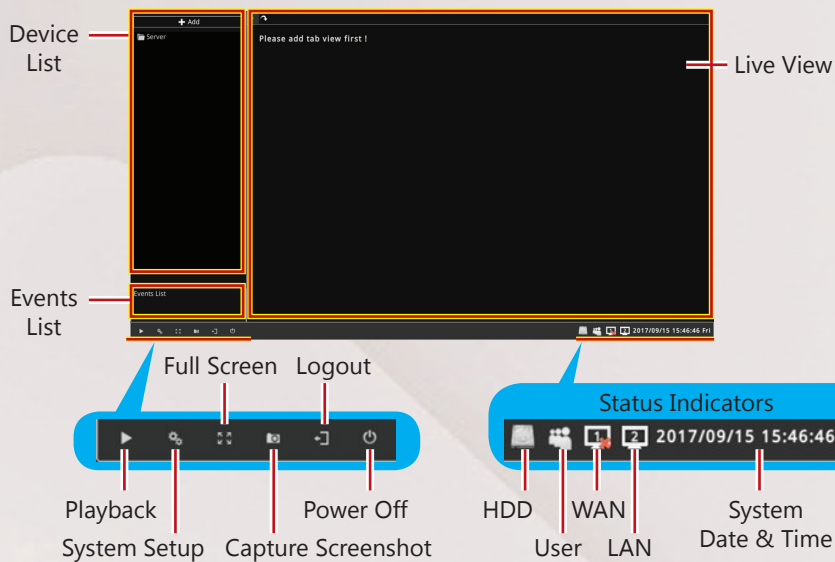
1. Inside the lockbox, press the **POWER BUTTON** to turn on the **ENR**.
2. On the **Login** screen, using the on-screen keyboard, type the **Account** and **Password**.

Account: admin
Password: 123456

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

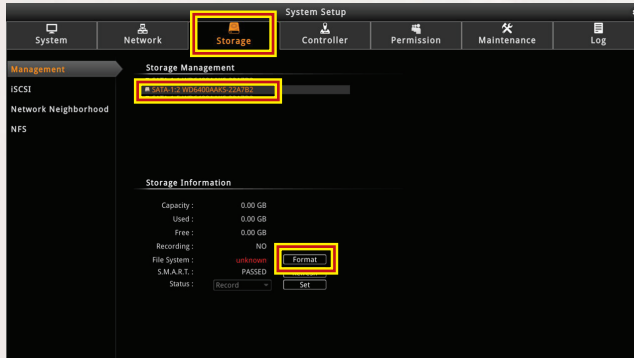


The User Interface



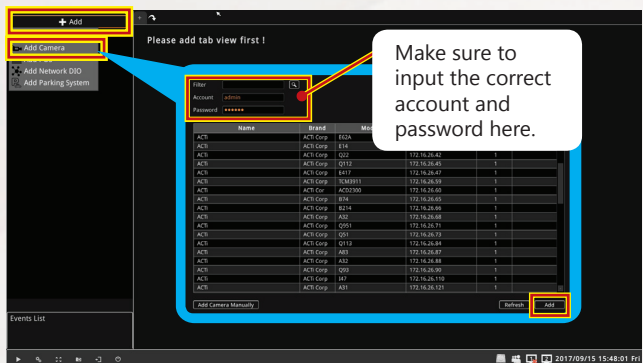
7 FORMAT THE HDD

1. Click the **System Setup** icon on the **Live View** screen.
2. Click the **Storage > Management** page.
3. Select the hard disk to format, then click **Format**.
4. Repeat the above steps to format the other disk, and then click **OK**.



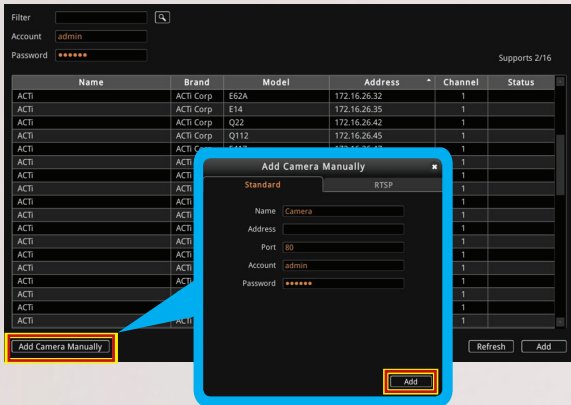
8 ADD DEVICES

1. On the **Live View** screen, click **Add**.
2. Click **Add Camera** from the pop-up menu.
Or, click other network devices to add them in the ENR. You may also group devices by creating a group. However, for this quick installation guide, we will only cover adding cameras in general.
3. Click a model to select the camera. The text of the selected camera will turn orange.
4. Repeat the above step to add more cameras.
5. Click **Add** to complete.



Add Camera Manually

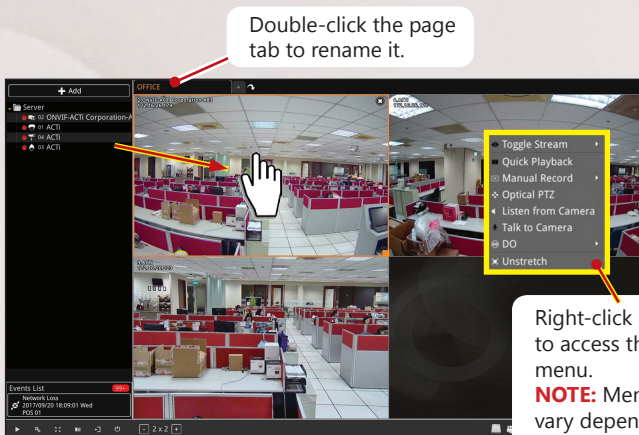
If you are adding cameras located in another network, click **Add Camera Manually**. Fill in the **IP address**, **HTTP Port**, **Account** and **Password**. Then click **Add**. Or, use the **RTSP** page for RTP protocol.



9 CHECK LIVE VIEW

After adding the cameras, the models are listed on the left panel of the **Live View** screen.

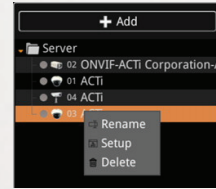
1. Create a tab view on the right panel, click .
2. Drag a model to the Live View screen.



10 MANAGE DEVICES

Managing the devices can be done from the **Live View** screen. Right-click on the device model from the left panel, then click to:

- **Rename** the device name on the list
- **Delete** the device from the list
- **Setup** the camera settings (see below)

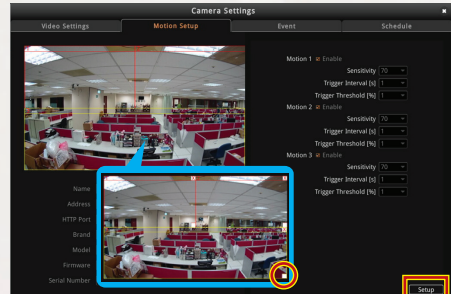


Camera Settings

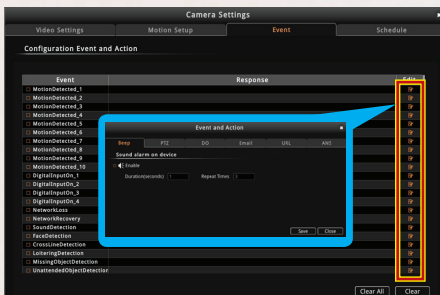
From the **Camera Settings** screen, click the corresponding page tab to configure video settings, set up motion detection, event and schedule recordings.



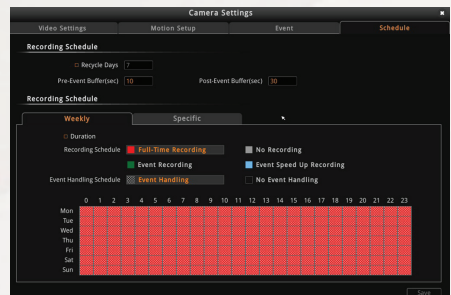
To modify the camera settings, click **Get Camera Settings**. Modify as needed, then click **Apply**.



- To configure motion setup, click **Setup**.
- To resize the detection area, drag the box on the lower right corner of the area.



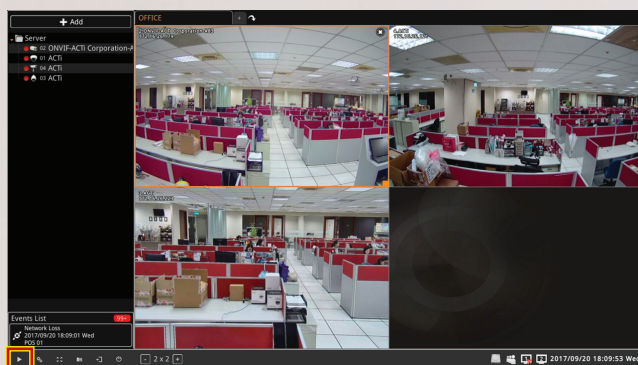
To set the event trigger, double-click the **Edit** icon.



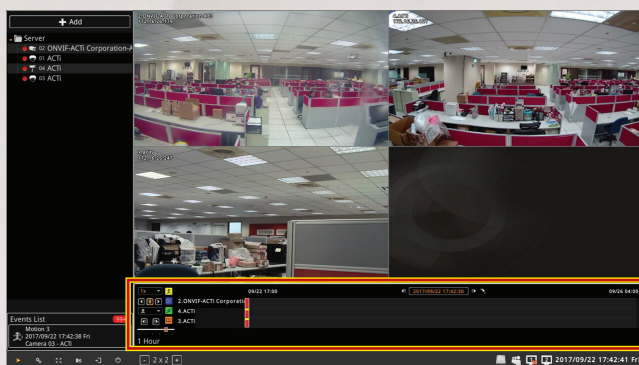
To configure the recording schedule, select a recording or event handling schedule, then mark the calendar and then click **Apply**.

11 CHECK RECORDINGS

On the Live View screen, click the **Playback**  icon on the bottom right corner to enter the **Playback** screen.



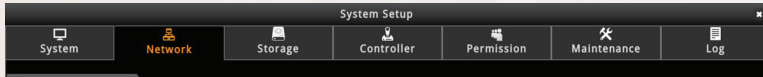
On the time bar, drag the current-time indicator to your desired position, and then click the **Playback** icon.



12 SYSTEM SETUP

Administrators can configure the ENR system setup.

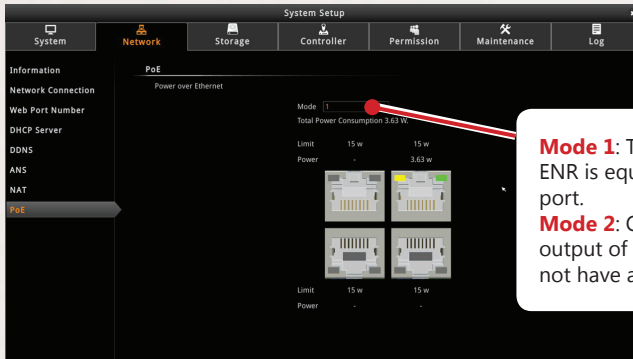
1. On the **Live View** screen, click the **Setup**  icon on the bottom left corner.
2. On the Setup screen, click a menu page tab to access the settings:



- **System:** Includes system information, date and time, email settings, etc.
- **Network:** Includes network related configurations.
- **Storage:** Manages the storage settings of the ENR.
- **Maintenance:** Includes firmware upgrade and station management system.
- **Permission:** Includes users permission setup.
- **Log:** Lists the system log of the ENR.
- **Joystick:** Includes joystick configuration.

For PoE models

Configure the PoE ports individually in **Network > PoE**.



Mode 1: The total power budget of the ENR is equally divided into each PoE port.

Mode 2: One port can have high power output of 30W. However, one port may not have any power output.



WARRANTY CARD

This product is under warranty
from the date of the original purchase
("Warranty Period").

For more information,
please visit our website
<http://www.acti.com/warranty>



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