

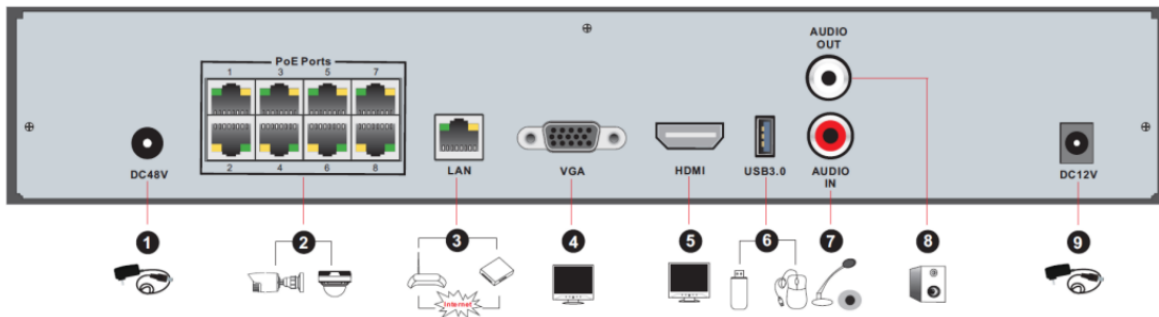
ComelitCCTV NVR Setup

This guide will serve to set up the Comelit NVR from a PC on the same LAN. The following software is required for initial setup: [IPC Manager Tool Installation.zip](#)

Comelit Sales can be found by region here: <https://comelitgroupusa.com/sales/>

Installation

The Comelit NVR will come without a hard drive for recording storage. You will need to provide your own Hard drive (MAX storage varies on model of NVR) if recording is required. If your model does not have an e-SATA port, you will need to remove the cover of the NVR and locate the SATA port for installation.



Depending on the model, the NVR can have 8-16 POE ports for Comelit CCTV cameras.

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Setup on a PC on the LAN

It is possible to setup the NVR on a PC while on the same LAN as the NVR. Once the NVR's network cable is plugged into the network, you can use the IPC Manager Tool to locate the NVR.

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IPC MANAGER TOOL

Auto Search		Manual Search					
	Device Name	Device Type	Device Model	IP Address	Software Version	Activated State	Channel Nu
☐	IPLPRA04ZS...	IPC	IPLPRA04ZSWA	192.168.10.149	5.2.2.54787	activated	
☐	IPKCAMA08...	IPC	IPKCAMA08ZC	192.168.10.99	5.2.3.5568	activated	
☒	TECH NVR	NVR	NIPNVR008N06PA	192.168.10.132	1.4.12	activated	
☐	Tech Office ...	IPC	IT08N2FA	192.168.10.156	5.2.3.5568	activated	
☐	HIKVISION ...	ONVIF	DS-2CD2632F-I	192.168.10.77		activated	
☐	IPC	IPC	IPFCAMA12FA	192.168.10.171	5.3.0.31132	activated	5
☐	ITM08A3F02...	IPC	ITM08A3F02A	192.168.10.175	5.2.3.17897	activated	
☐	Device Name	NVR	NIPNVR016N08PA	192.168.10.51	1.4.13.82574B251...	activated	

By default, the Advance Series NVR has a default IP address of 192.168.1.111 while the Next Series is on DHCP.

Take that IP address and enter it into a browser to get to the login screen. Upon first login, you will be asked to create a password for the admin.



[Forgot Password?](#)

Once signed in, you can set your Time and Date under Function Panel>General Settings>Date and Time. You can select your preferred date and time.

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Live Display

Playback

Search and Backup

Intelligent Analytics

Function Panel

Application

Basic

General Settings[Date and Time]

Output Settings[POS Settings]

PoE Settings

Recorder OSD Settings

Maintenance

View Log[Factory Default]

Upgrade[Backup and Restore]

Reboot[Auto Maintenance]

Diagnostic Data

Information

Basic[Camera Status]

Alarm Status[Record Status]

Network Status[Disk Status]

Function Panel > Date and Time

Date and Time

System Time

09/16/2026 13:17:11

☐ Synchronize with computer time

Date Format

Month/Day/Year

Time Format

24-Hour

Synchronous

NTP

NTP Server

time.windows.com

Interval Time[Min]

180

Time Zone / DST

Time Zone

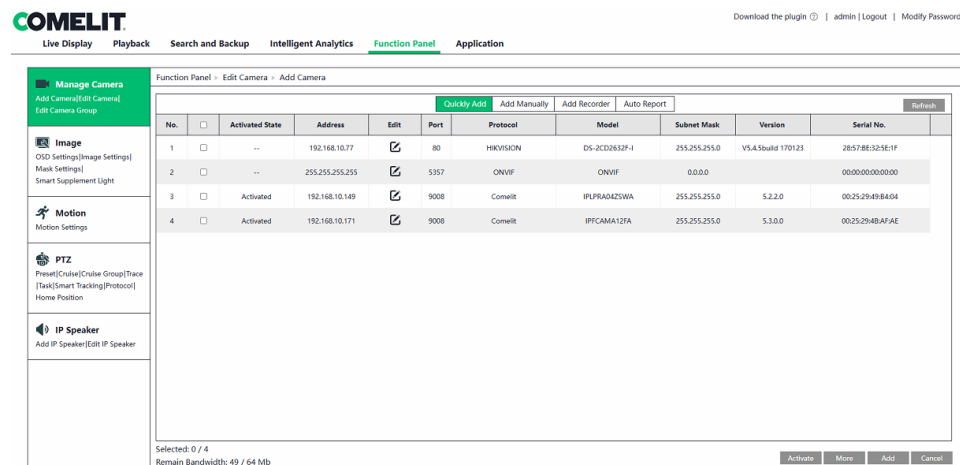
GMT-08 Las Vegas, San Francis

DST

☐ Enable

Apply

Add your cameras by going to Function Panel>Manage Camera>Add Camera. The built-in IPC Manager tool will find the cameras automatically. Select the camera and first “Activate” it to give a password, then hit “Add” once activated to add to the NVR.



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Download the plugin ⓘ | admin | Logout | Modify Password

Live Display Playback Search and Backup Intelligent Analytics **Function Panel** Application

Function Panel > Edit Camera > Add Camera

Manage Camera
Add Camera(Edit Camera)
Edit Camera Group

Quickly Add Add Manually Add Recorder Auto Report Refresh

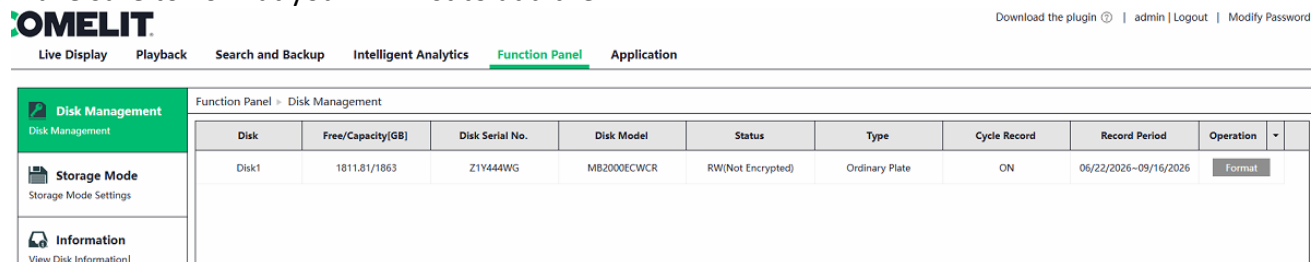
No.	Activated State	Address	Edit	Port	Protocol	Model	Subnet Mask	Version	Serial No.
1	☐	192.168.10.77		80	HIKVISION	DS-2CD2632F-I	255.255.255.0	V5.4.5build 170123	2B578E325E1F
2	☐	255.255.255.255		5357	ONVIF	ONVIF	0.0.0.0		000000000000
3	☐	192.168.10.149		9008	Comelit	IPLRA04ZSWA	255.255.255.0	5.2.2.0	00252949B404
4	☒	192.168.10.171		9008	Comelit	IPFCAMA12FA	255.255.255.0	5.3.0.0	00252948AF4E

Selected: 0 / 4
Remain Bandwidth: 49 / 64 Mb

Activate More Add Cancel

Cameras plugged directly into the NVR will appear automatically with the internal IP address scheme (found under Functional Panel>Network)

To set up Recording for the cameras you’ve added, go to Function Panel>Disk Management and make sure to Format your HD first to add the HDD.



COMELIT

Download the plugin ⓘ | admin | Logout | Modify Password

Live Display Playback Search and Backup Intelligent Analytics **Function Panel** Application

Function Panel > Disk Management

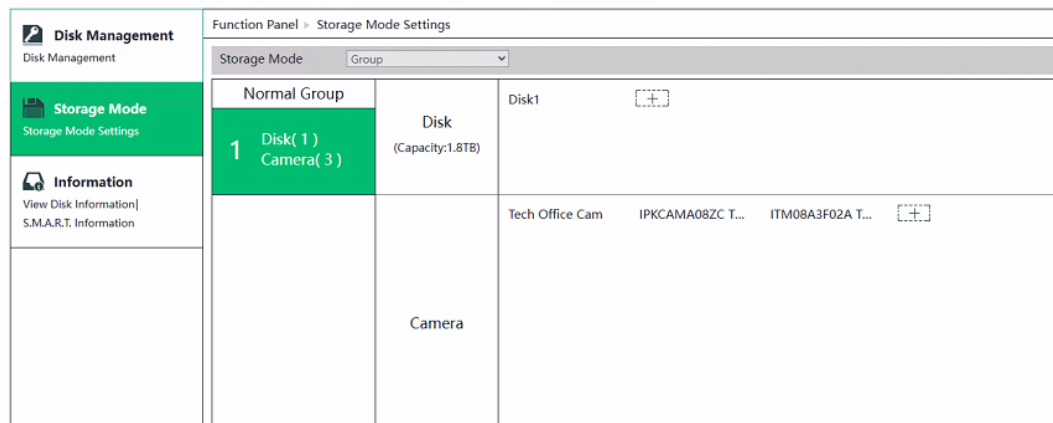
Disk Management
Disk Management

Storage Mode
Storage Mode Settings

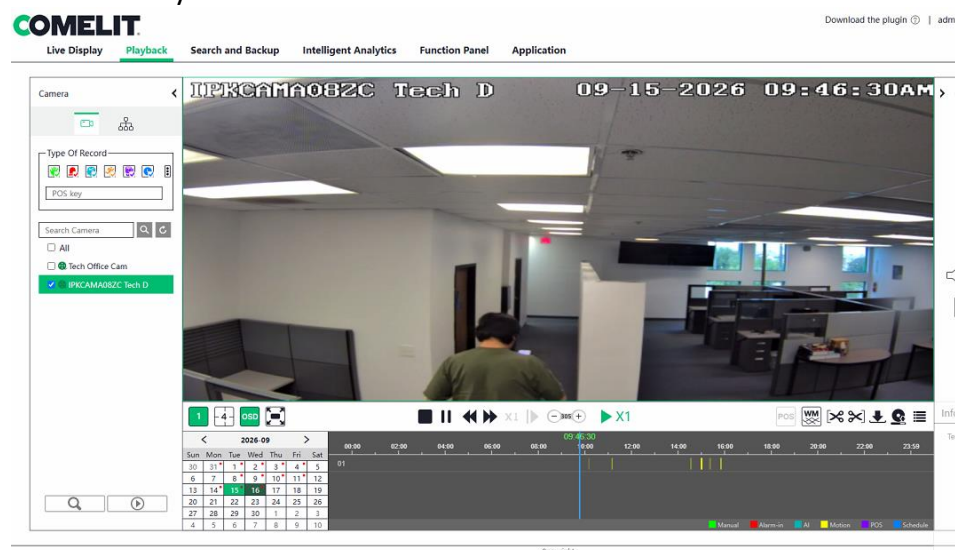
Information
View Disk Information

Disk	Free/Capacity[GB]	Disk Serial No.	Disk Model	Status	Type	Cycle Record	Record Period	Operation
Disk1	1811.81/1863	Z1Y444WG	M82000ECWCR	RW(Not Encrypted)	Ordinary Plate	ON	06/22/2026-09/16/2026	Format

Then go to Storage Mode to add the cameras you wish to have recording onto the HDD by clicking on +



Playbacks can be found under Playback. Select the camera you wish to view, the time and date, then hit “Play”



To set up RTSP streaming from the NVR, go to Function Panel>Network>Port. Enable the feature and select your port. Set the Authentication to “Basic” to use your current user and password for the NVR.

Function Panel > Port

Port

HTTP Port: 80

HTTPS Port: 443

Server Port: 6036

POS Port: 9036

Auto Report Port: 2009

API Server

☐ Enable

Authentication: Digest

RTSP

☒ Enable

Authentication: Basic

RTSP Port: 554 ☐ Anonymous

URL Example: rtsp://IP:Port/chID=1&streamType=main

Apply

The format of the RTSP stream is as follows:

rtsp://{IP address of the NVR}:554/chID={{which camera ID}}&streamType={{main/sub}}

For example,

rtsp://192.168.10.132:554/chID=3&streamType=sub to view the substream of camera 3:

Function Panel > Edit Camera

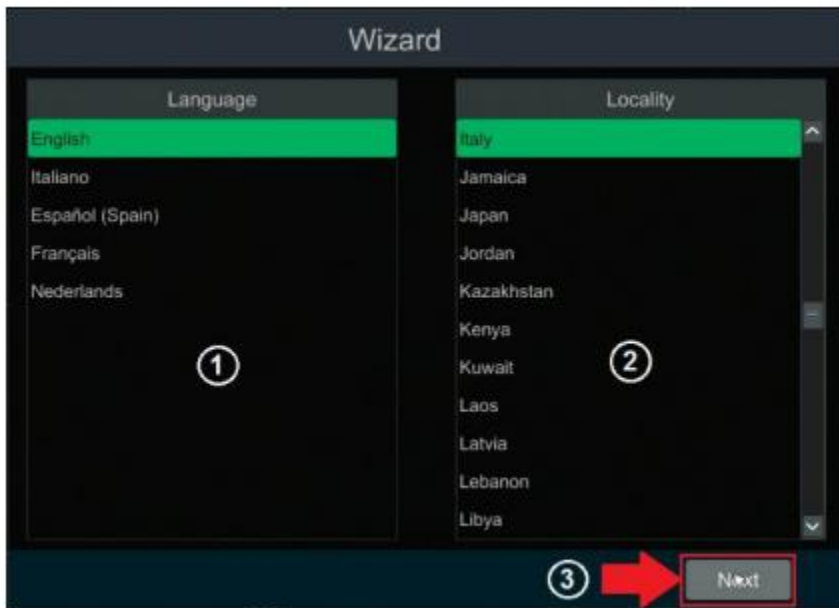
No.	Camera Name	Address	Sub-device ID	Remote Cha...	Port	Status	Protocol	Model
1	Tech Office Cam	192.168.10.156	--	1	9008	Online	Comelit	IT08N2FA
3	IPKAMA08ZC Tech D	192.168.10.99	--	1	9008	Online	Comelit	IPKAMA08ZC
5	ITM08A3F02A Tech B	192.168.10.175	--	1	9008	Online	Comelit	ITM08A3F02A

A monitor can be installed with a keyboard/mouse to program directly on the NVR.

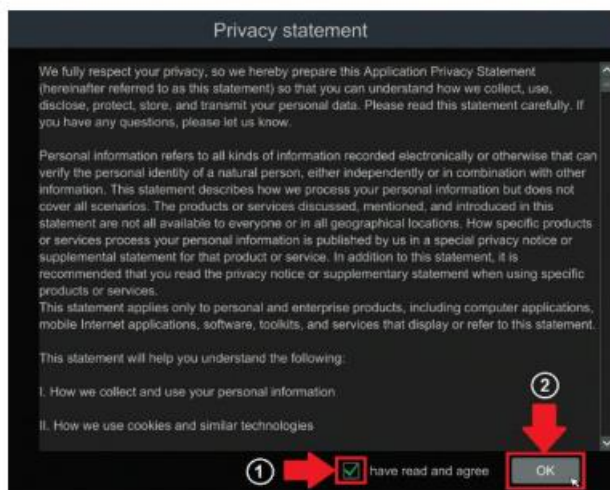
From here, you can set up the NVR directly by following the below steps:

Upon powering on, the Setup Wizard will begin.

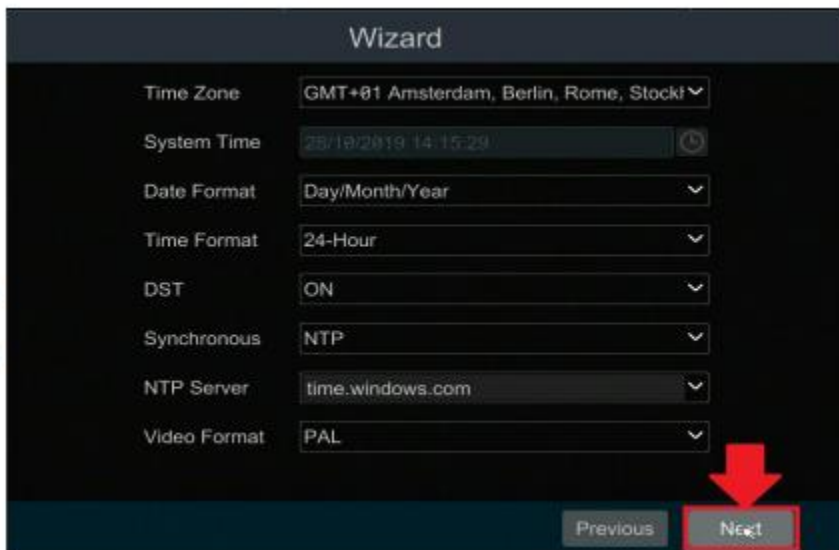
Select your language:



Accept Privacy Statement:



Edit the Time and Date:

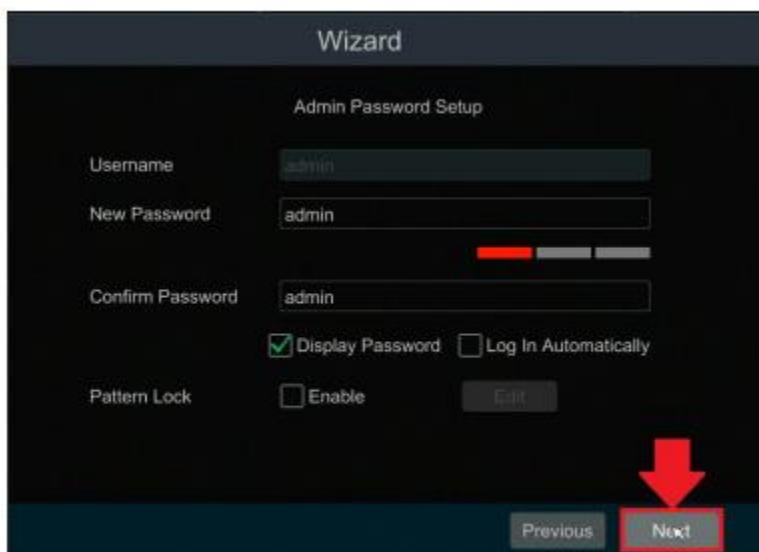


The screenshot shows a 'Wizard' configuration window with the following settings:

Setting	Value
Time Zone	GMT+01 Amsterdam, Berlin, Rome, Stockh...
System Time	28/10/2019 14:15:29
Date Format	Day/Month/Year
Time Format	24-Hour
DST	ON
Synchronous	NTP
NTP Server	time.windows.com
Video Format	PAL

At the bottom, there are 'Previous' and 'Next' buttons. A red arrow points to the 'Next' button.

Create a password for the NVR:



The screenshot shows a 'Wizard' configuration window titled 'Admin Password Setup' with the following fields and options:

Field/Option	Value/Status
Username	admin
New Password	admin
Confirm Password	admin
Display Password	☒
Log In Automatically	☐
Pattern Lock	☐ Enable

At the bottom, there are 'Previous' and 'Next' buttons. A red arrow points to the 'Next' button.

Assign an IP address for the NVR:

Wizard

Network Settings > Add Camera > Disk Mode > Record Settings

Ethernet Port 1 (Online)

☒ Obtain an IP address automatically

Address: 10 . 10 . 13 . 255

Subnet Mask: 255 . 255 . 240 . 0

Gateway: 10 . 10 . 0 . 1

☒ Obtain DNS automatically

Preferred DNS:

Alternate DNS:

HTTP Port: 80 RTSP Port: 554

HTTPS Port: 443 Server Port: 6036

Internal Ethernet Port 1 (Online)

Address: 10 . 10 . 13 . 5

Subnet Mask: 255 . 255 . 240 . 0

Previous Next Cancel

If you have POE ports on the NVR, the IP address of the internal ports will be shown in the red box. Please note, your network cannot be on the same range as the internal ports!

You will now move to Add Cameras. Click “refresh” to get a list of all online IP cameras. If the cameras are directly connected to the NVR, they will be automatically discoverable for you to activate and add through the built-in IPC tool. The internal ports will have an IP address on 10.151.10.1 (255.255.255.0).

Wizard

Network Settings > Add Camera > Record Settings > Cameras

No.	↑	Address	Edit	Port	Protocol	Model	Version	Add
10		10.10.7.114	🔧	9000	IP Camera	9442E2	4.2.1.0	+
11		10.10.7.118	🔧	9000	IP Camera	9442E2	4.2.1.0	+
12		10.10.7.139	🔧	9000	IP Camera	9583E2	4.1.1.0	+
13		10.10.7.175	🔧	9000	IP Camera	IPC	4.2.1.0	+
14		10.10.7.187	🔧	9000	IP Camera	IPC	4.2.1.0	+
15		10.10.7.218	🔧	80	HIKVISION	DS-8664N-I16		+

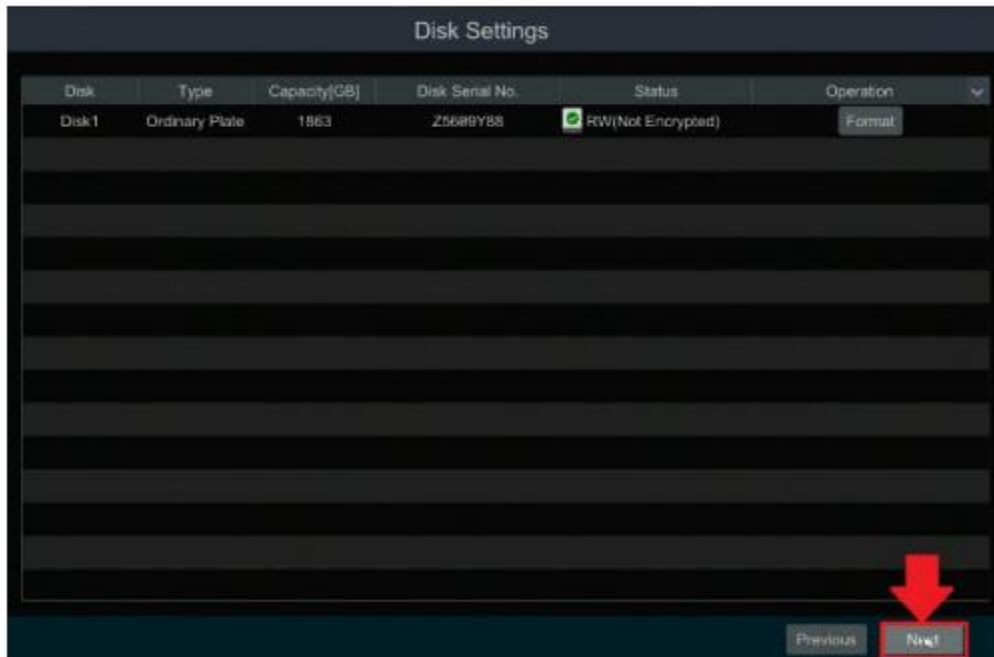
Remain Bandwidth: 249 / 256 Mb

Refresh Add All Delete All

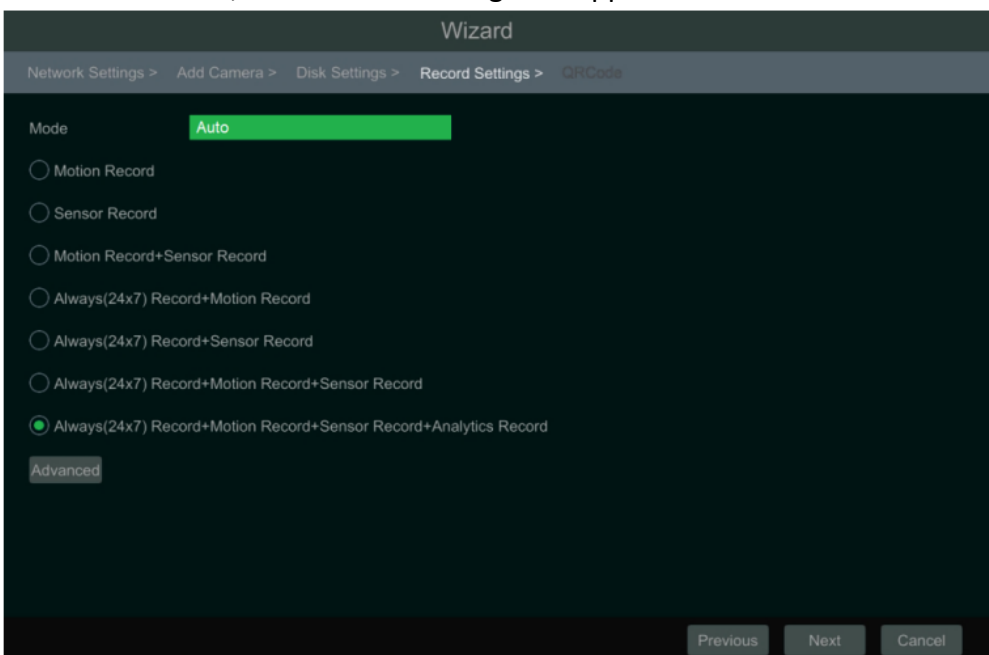
No.	IP Camera Name	↓	Address	Protocol	Status	Edit	Delete
1	IP Camera1		10.10.7.189	IP Camera	Online	🔧	🗑️

Previous Next Cancel

Once completed, if you have an HDD installed, you can format the disk for the server to use, otherwise, you will continue to the main screen:



If a disk is installed, then Record Settings will appear:





And that's it! You can now view the camera on the main screen of the NVR or go into the Config panel to find additional settings.

Full technical manual is here: <https://staticpro.comelitgroup.com/storage/2022/07/34474/mt-ipnvr-ahdvr-comeliticctv-en-1ed.pdf>