

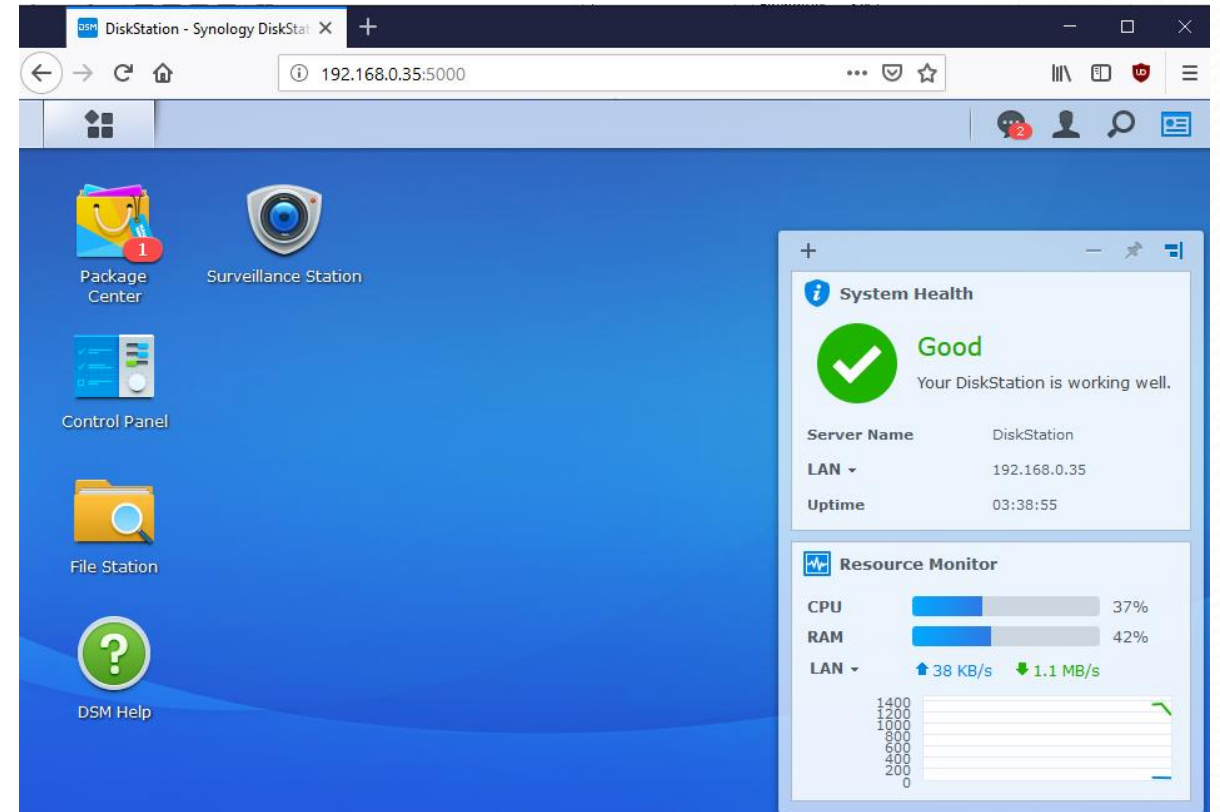
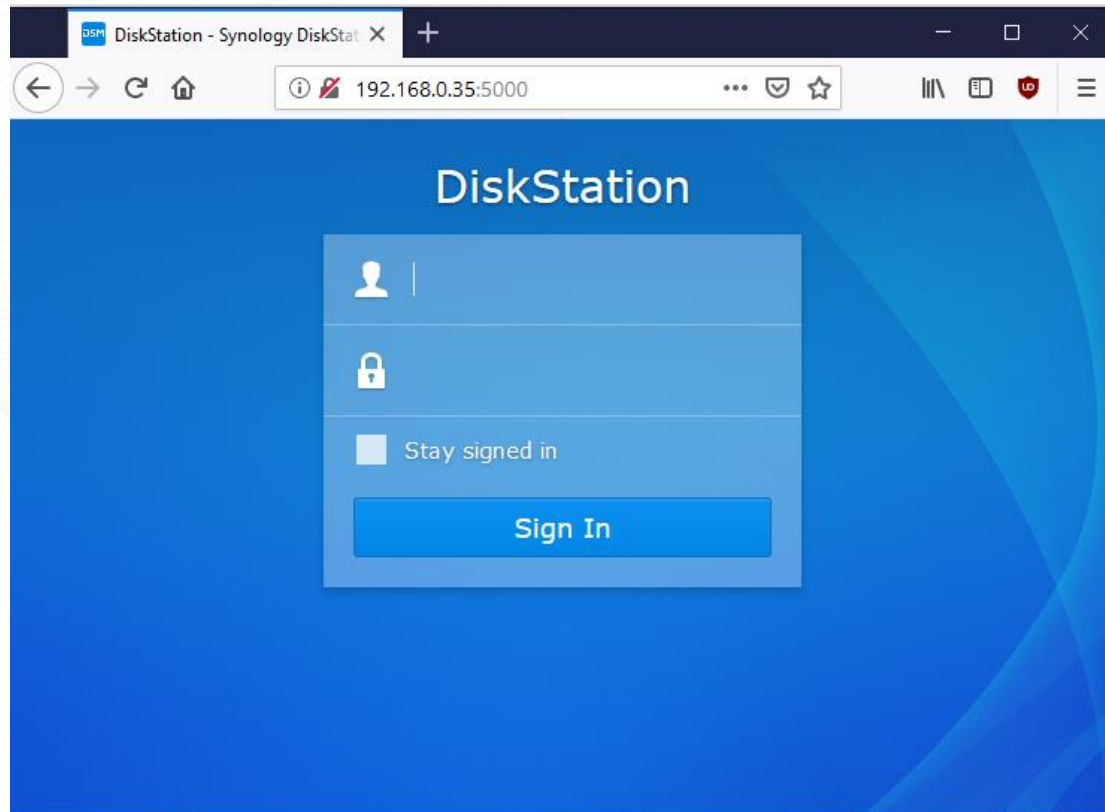


How to add IP camera to Synology NAS

21 February 2019

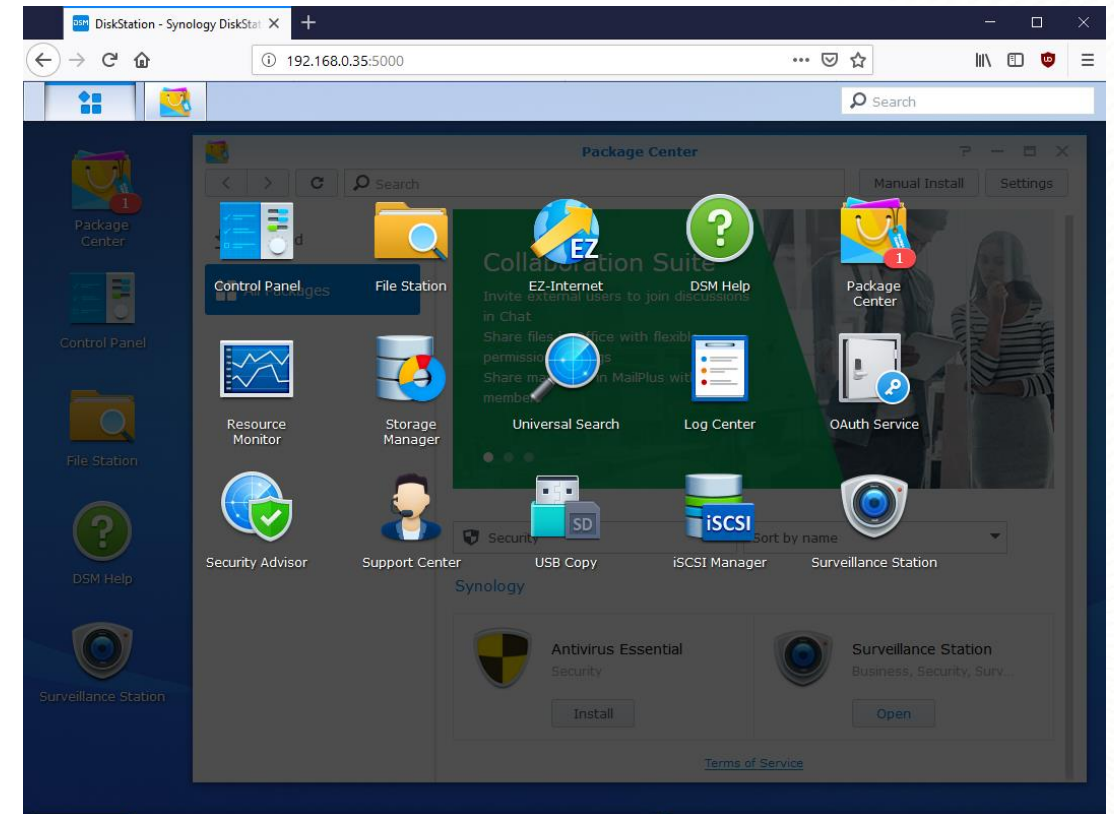
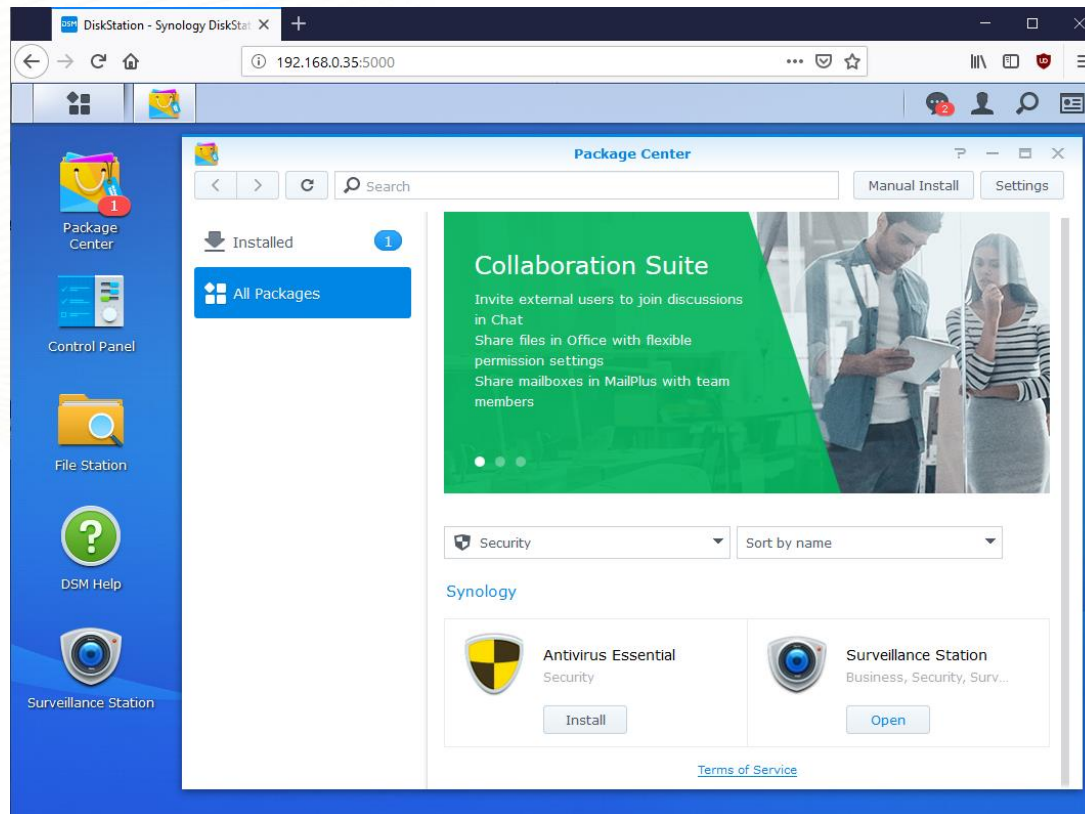
IP camera installation in Synology

You can only add two IP cameras free of charge to your Synology NAS. If you want to add more, you have to buy additional licence for this.



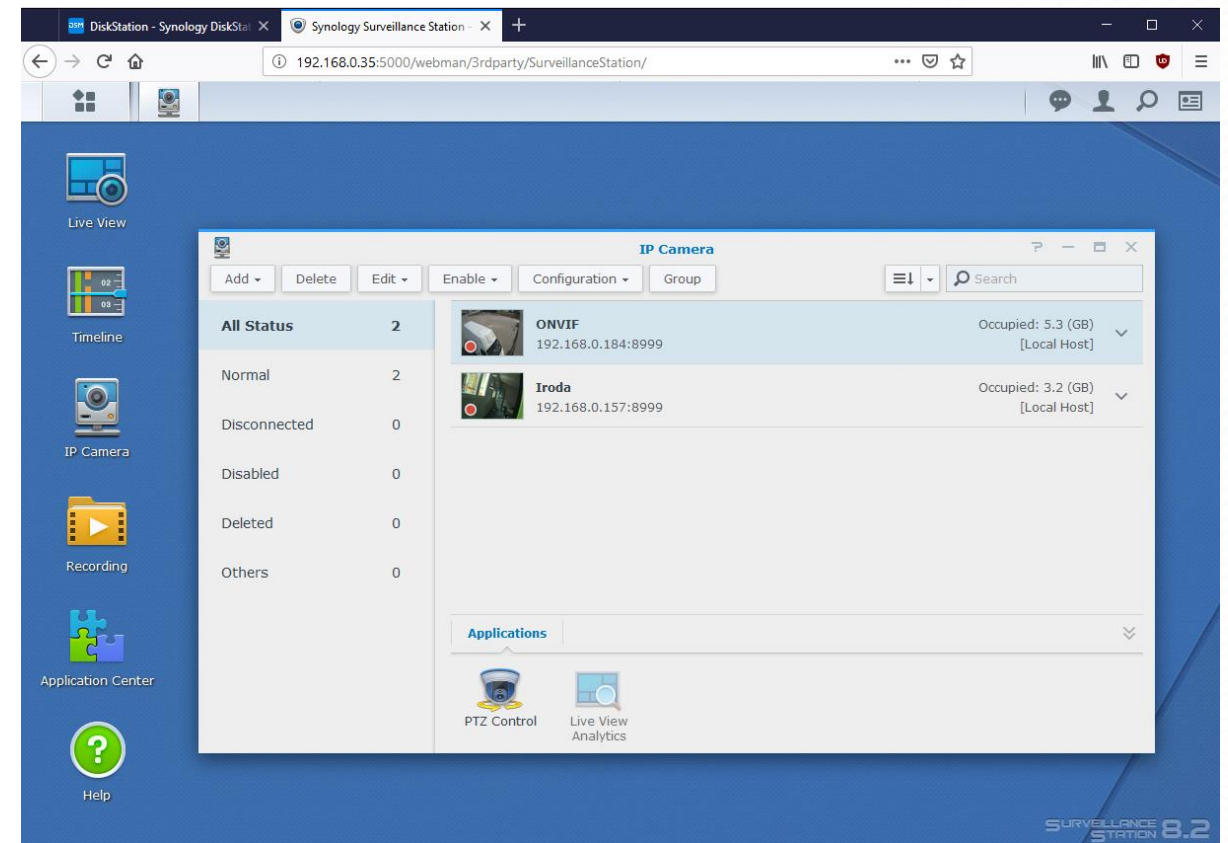
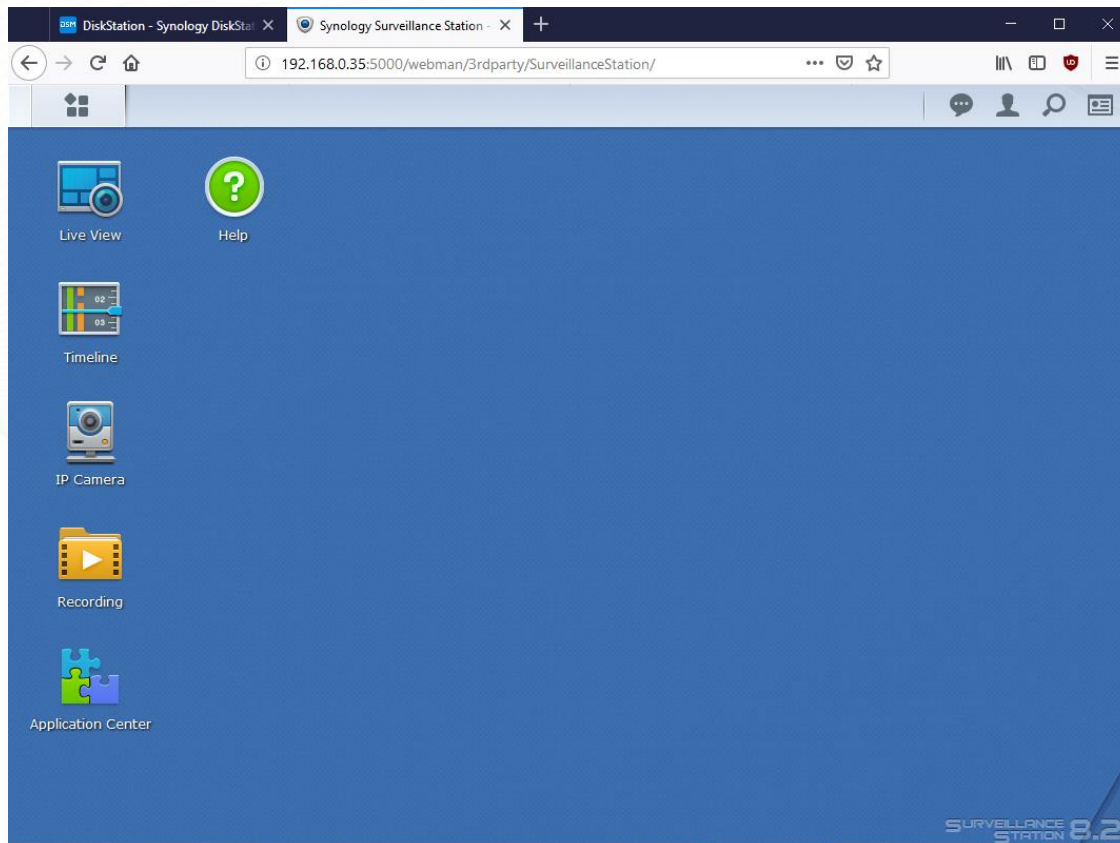
IP camera installation in Synology

When you enter NAS web interface just go to the Package center and choose Surveillance Station. If you choose „Sort by name” and choose „Security” from the scroll down menu, it would be easier find the Surveillance package. After installation you can either run the package from the Main menu, or just make right click and send it to the NAS desktop.



IP camera installation in Synology

After you start the Surveillance Station, first you have to add the IP camera. Click on the „IP camera” icon to start the camera installation wizard, and choose Add / Camera menu.



IP camera installation in Synology

If the Add camera Wizard started, just click on the search pictogram beside the IP address field. The search window will pop up. In this window please choose the second menu „General Interface (ONVIF)” search mode.


Add Camera Wizard

✕

Information

Name:

IP address:



Port:

Brand:

[ONVIF]

▼

Camera model:

All functions

▼

Username:

Password:

Load Capability

Test Connection

Previous

Finish

Cancel

Camera search result

Synology Supported Cameras

General Interface (ONVIF)

Search

Brand	Model	IP Address	Port	MAC Address
ONVIF	IPCamera	192.168.0.143	80	N/A
ONVIF	IPCamera	192.168.0.157	80	00:00:1B:11:40:9D
ONVIF	IPCamera	192.168.0.165	80	N/A
ONVIF	IPCamera	192.168.0.178	80	00:00:1B:0F:BD:3B
ONVIF	IPCamera	192.168.0.180	80	00:00:1B:1F:FC:B0
ONVIF	IPCamera	192.168.0.184	80	00:00:1B:0F:BC:6F
ONVIF	IPCamera	192.168.0.192	80	00:00:1B:0F:BB:18
ONVIF	IPcamera	192.168.0.193	8999	00:00:1B:1A:A8:F3
ONVIF	IPCamera	192.168.0.197	80	N/A
ONVIF	IPCamera	192.168.0.207	80	00:00:1B:14:00:A8
ONVIF	IPcamera	192.168.0.216	8999	00:2A:2A:28:A2:5F

Searching...

Search

OK

Cancel



IP camera installation in Synology

After you choose the requested IP camera, just click on Next. The Synology NAS products do not support IP cameras which are using h.265 encoding, therefore you need to change your IP camera to h.264 encoding. You also have to set the record Resolution. Amiko IP cameras use the 8999 port on ONVIF protocol and the default user name and password is (admin/ admin)

Add Camera Wizard

Video

General

Video format: H.264

Stream Profile *i*

High quality: Stream 1

Balanced: Stream 1 *i*

Low bandwidth: Stream 1 *i*

Stream 1

Resolution: 2560x1440

Frame rate (FPS): 10

Bitrate control: Variable

Image quality: 5 (Highest)

Previous Next Cancel

Edit Camera - ONVIF

Information Video Advanced

Device Settings

Recording Settings

Live View Settings

Optimization

Event Detection

I/O Port

Name: ONVIF

IP address: 192.168.0.184

Port: 8999

Brand: [ONVIF]

Camera model: All functions

Username: admin

Password:

Load Capability

Test Connection ✓

Save Close

Set your recording schedule.

Add Camera Wizard

Schedule

☐ Continuous
☒ Motion Detection
☐ Customize 1
☐ Customize 2

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sun																								
Mon																								
Tue																								
Wed																								
Thu																								
Fri																								
Sat																								

*Please note that you can use [Smart Time Lapse](#) to generate a space-saving video summary.
*Please note that the recording schedule will be affected by **Manual Recording** and [Home Mode](#).

Previous
Finish
Cancel

Add Camera Wizard

Recording

Recording

Pre-recording time (sec.): 5
Post-recording time (sec.): 5
☐ Keep the files within (days) 30
☒ Limit the archive folder up to (GB) 10

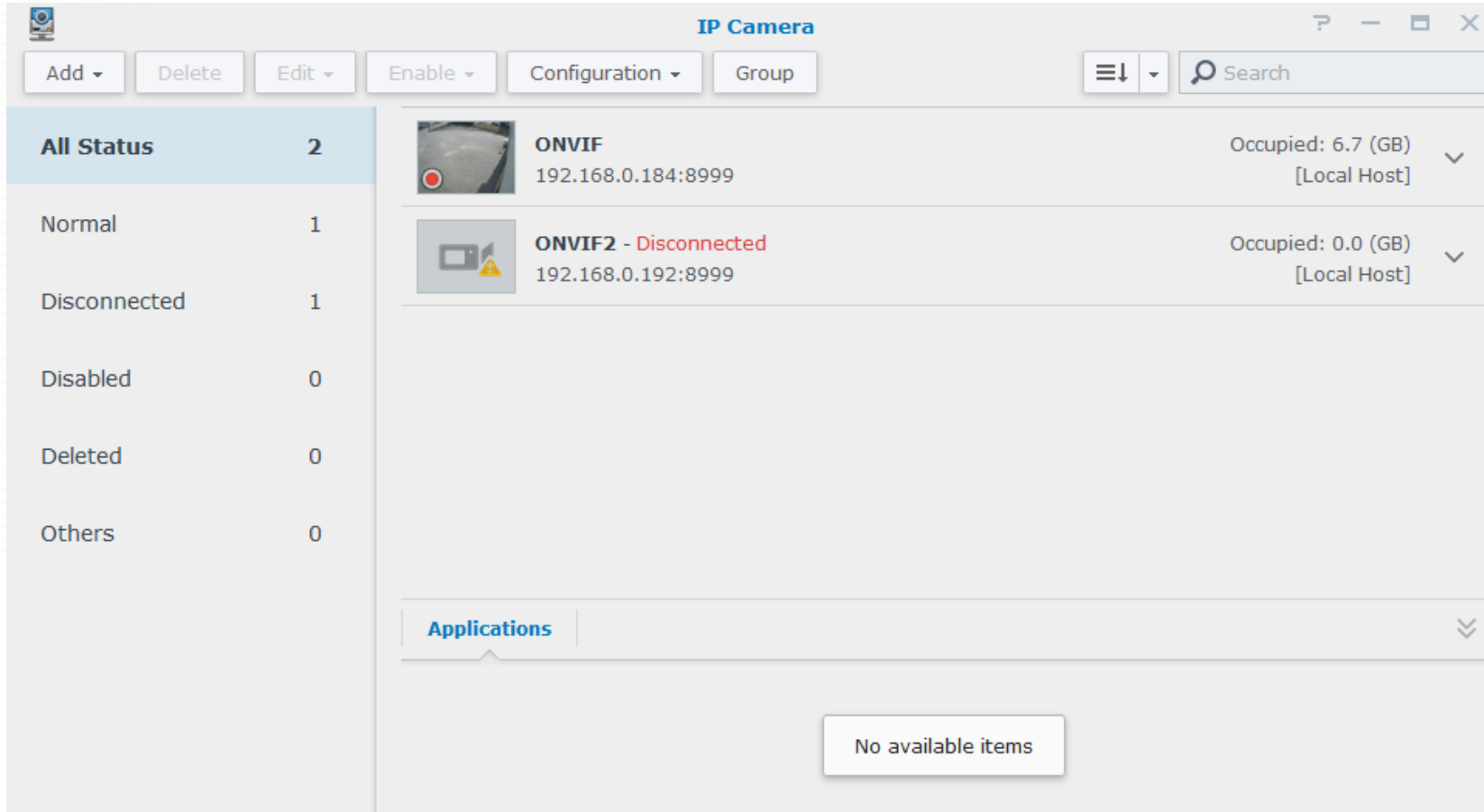
Recording Archives

☐ Customize archive folder name Same as the camera's name
☐ Customize file name prefix Same as the camera's name
Recording storage: surveillance (Volume 1)
Recordings are located in **/volume1/surveillance**

Previous
Next
Cancel

IP camera installation in Synology

If you successfully added your IP camera, you will see the small preview picture.



The screenshot shows the 'IP Camera' management interface in Synology. It features a sidebar with status filters and a main area with a table of installed cameras. The table lists two cameras: 'ONVIF' (192.168.0.184:8999) which is online and occupies 6.7 GB, and 'ONVIF2 - Disconnected' (192.168.0.192:8999) which is offline and occupies 0.0 GB. Both are located on the local host. Below the table, there is an 'Applications' section which currently shows 'No available items'.

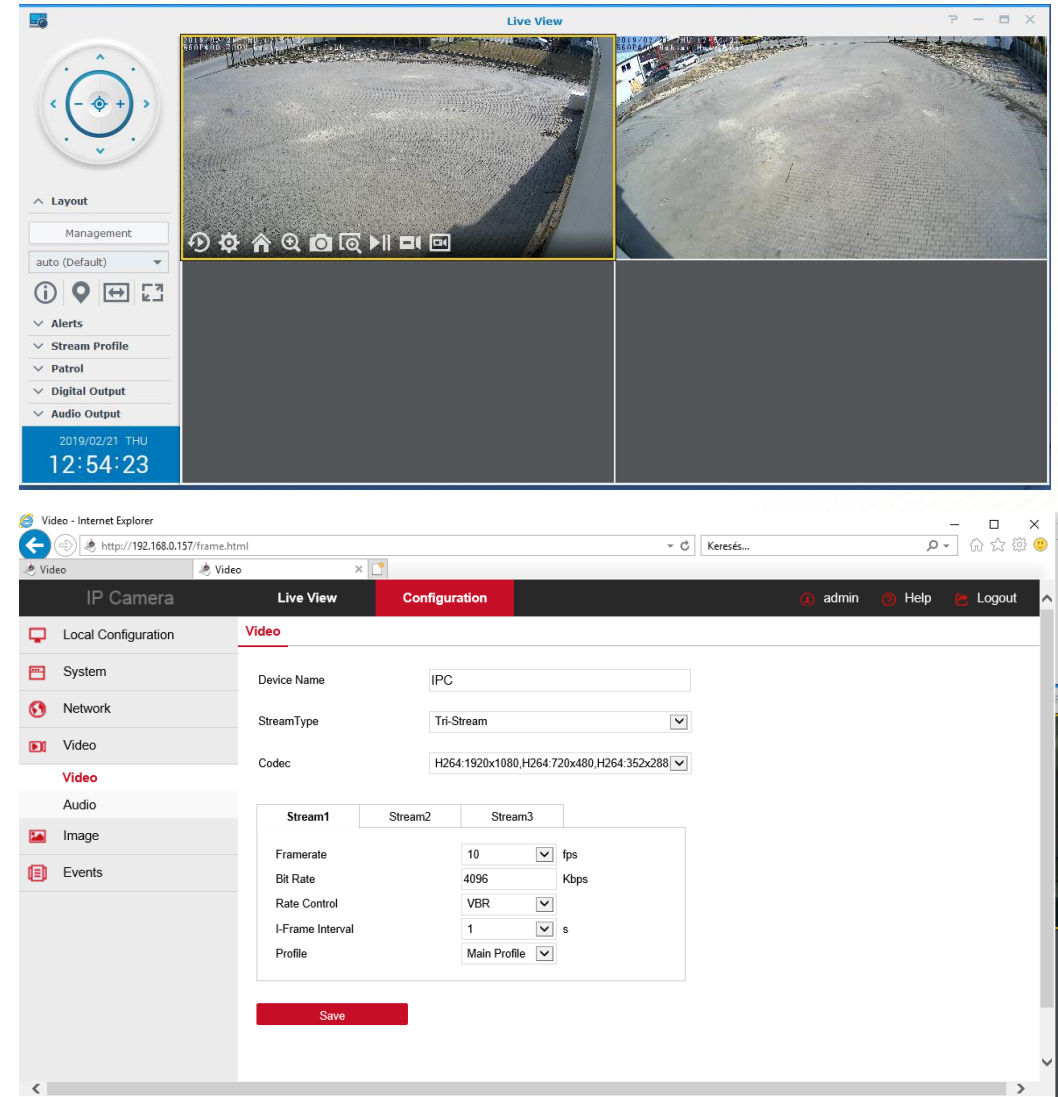
Status	Count
All Status	2
Normal	1
Disconnected	1
Disabled	0
Deleted	0
Others	0

Camera Name	IP Address	Occupied Space	Location
ONVIF	192.168.0.184:8999	6.7 (GB)	[Local Host]
ONVIF2 - Disconnected	192.168.0.192:8999	0.0 (GB)	[Local Host]

Applications

No available items

After this the Live View will start in this application, so you can monitor your camera live stream here. In that case you can not see you camera stream please check you camera settings. In most of the cases you missed to check the camera encoding, in this case just open an Internet Explorer enter your Amiko Ip camera web interface and please change the encoding from h.265 to h.264 and the stream will be shown right after the correct settings.



If you like to use more than two cameras, you have to buy licence for the additional cameras. You will get a licence code which you have to enter at the NAS software admin interface to activate.

You can buy different licence packages depending on the number of cameras you would like to add to your system.

