Zxtech Mini / Graphite NVRs
VMS software guide

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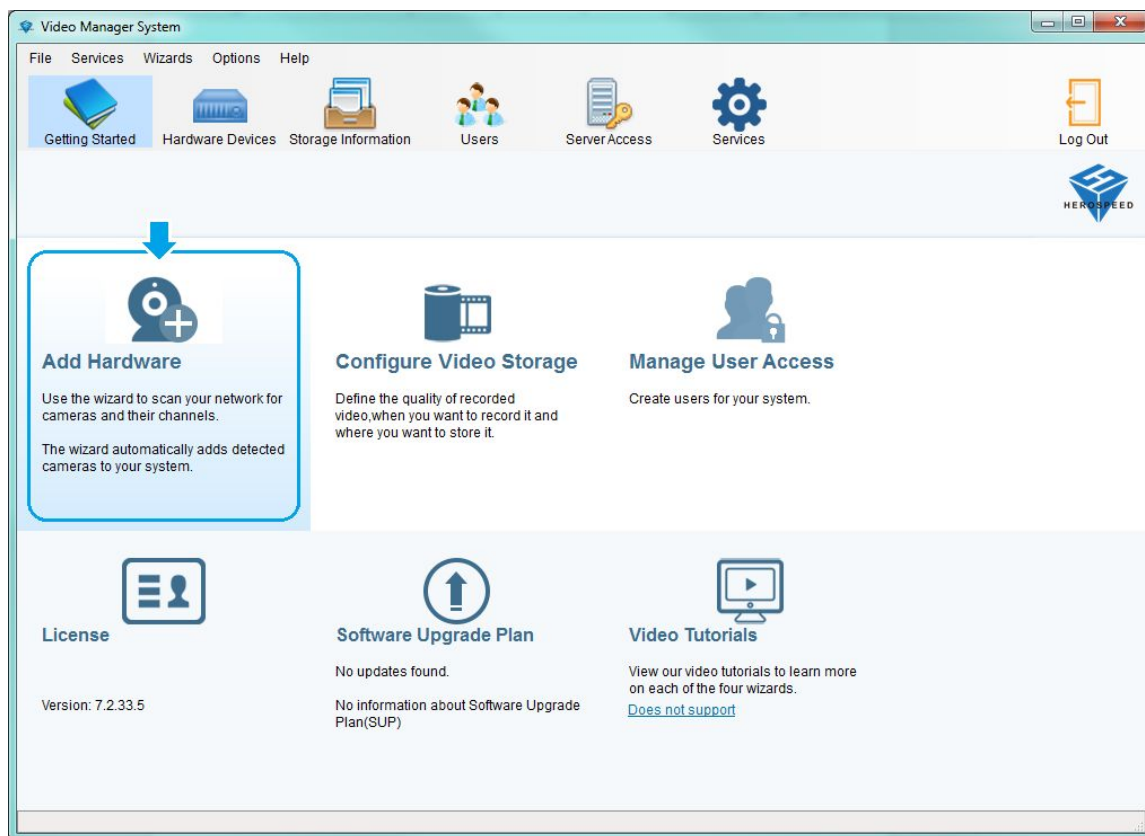## Table of contents

1. Adding CCTV devices to VMS software

A. Start **VMS Management** software:

B. Log in and choose **'Add Hardware'** option:

You can add new device either:

- by scanning local network (1.1),
- manually, using its IP address (1.2),
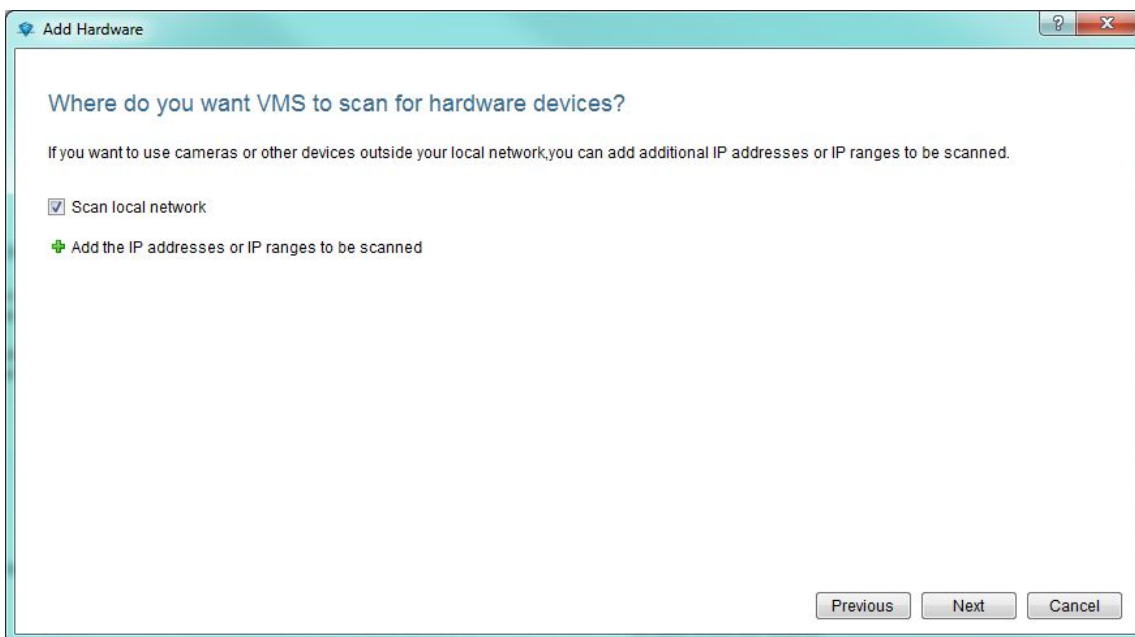- manually, using its serial number (1.3).

1.1 Scanning network for devices

Note: This function is only available if computer with VMS software is connected to the same network as CCTV device.
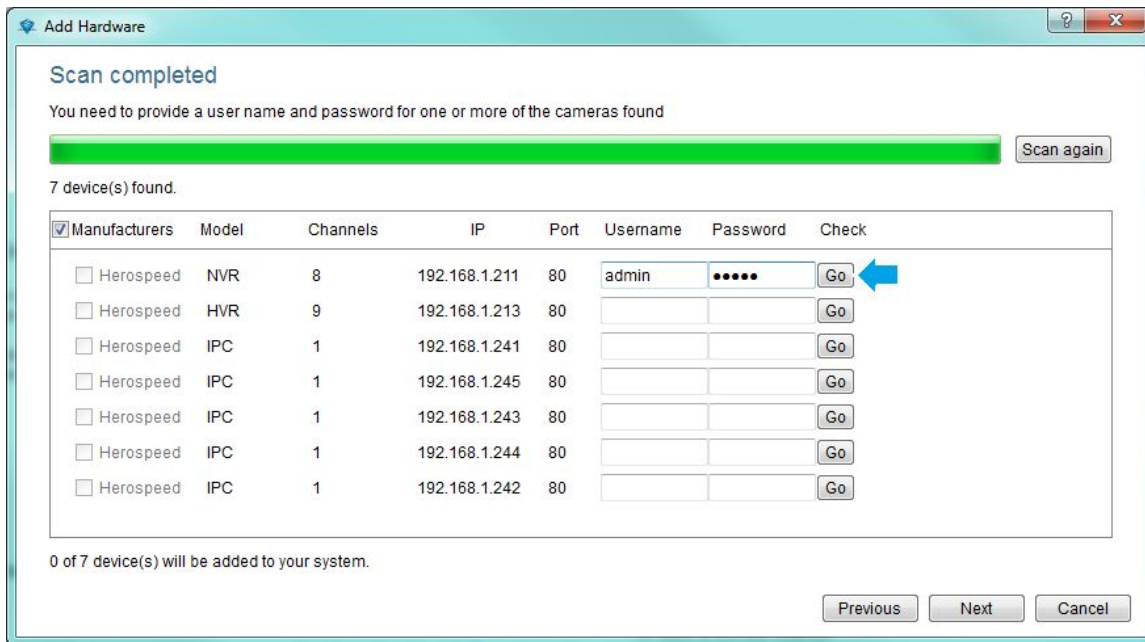
C. Select **'Scan for hardware'** option:
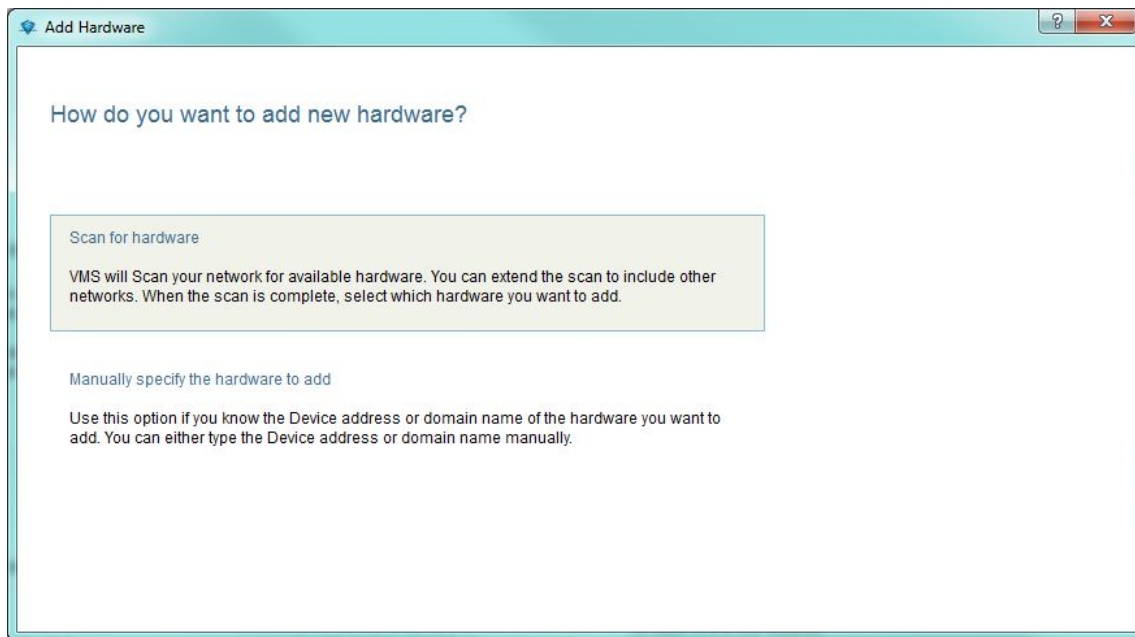
Make sure **'Scan local network'** option is enabled and press **'Next'**:

D. Find you recorder (Model: NVR / HVR) or camera (IPC) on the list, fill in login details **'Username'** and **'Password'** for each device (default username / password for recorders is **admin / 12345** and **admin / admin** for cameras) and press **'Go'** button for each device you wish to add to VMS software. Then save it by proceeding to the next step - **'Next'** button:

Close the wizard window with **'OK'** button after **'Your device are ready to use'**:

1.2 Adding device manually using IP address

Note: You can use VMS software locally in your network by adding local IP addresses of your devices or remotely from other networks. However remote connections will work only if your router allows it - usually it's necessary to open ports in router's firewall settings (port forwarding) before hand. Default ports used by IP cameras are: 80, 554, 8080, for recorders: 80, 554, 5000.

C. Select **'Manually specify the hardware to add'** option:
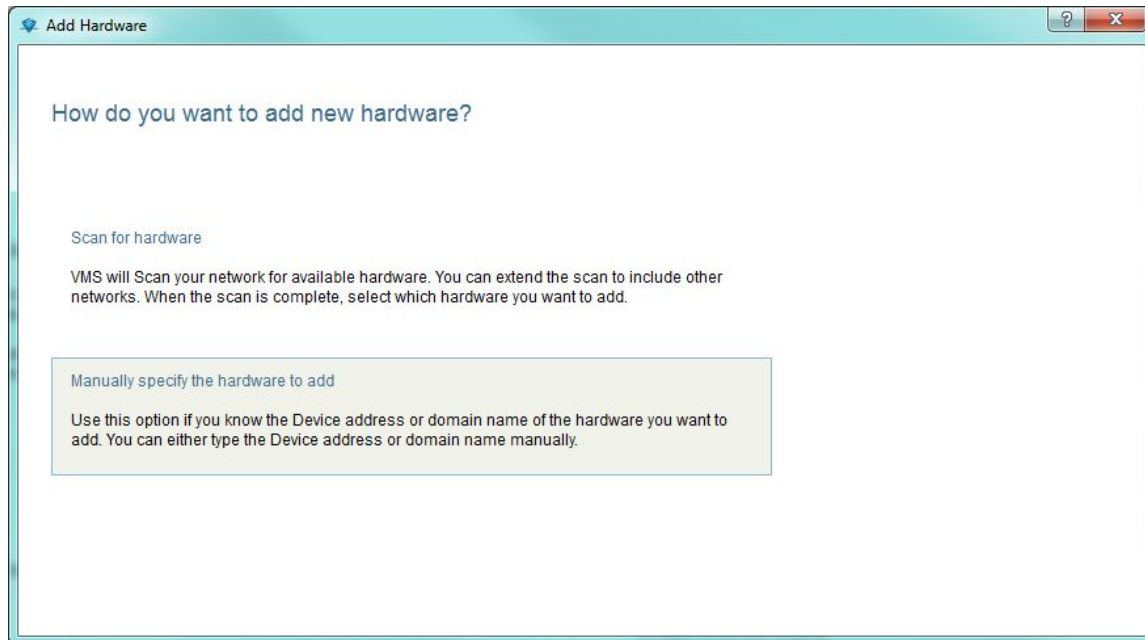
D. Input your device details:
- **Device Address** - recorder's or camera's IP address, in case of remote connections your router's external IP or DDNS domain linked to your router.
- **Port** - device's HTTP port (default port no.: 80).
- **User Name / Password** - username and password for you device. Default login / password for recorders are **admin / 12345** and for cameras: **admin / admin**.
- **Channels** - number of video channels of your device, cameras have 1 video channel, recorders from 4 to even 36.
- **Driver** - you can use **Auto-detect** mode or choose one of the following:
  onvif IPC (general driver for ONVIF cameras) / **Herospeed IPC** (zxtech IP cameras) / **Herospeed DVR** (for analog / AHD recorders) / **Herospeed NVR** (for IP recorders) / **Herospeed XVR** (for hybrid recorders).

and press **'Next'** button.

E.   Make sure VMS software connected to your device and go to next step:

Close the wizard window with **'OK'** button after **'Your device are ready to use'** message.

Add Hardware

Your devices are ready to use

You have now successfully added 1 device(s) 8 channel(s) to your system. Maximum 256 channels can be added.

OK

1.3 Adding device manually using serial number

Note: You can use VMS software locally in your network or remotely by adding devices using their serial numbers as long as your system's connected to the Internet.
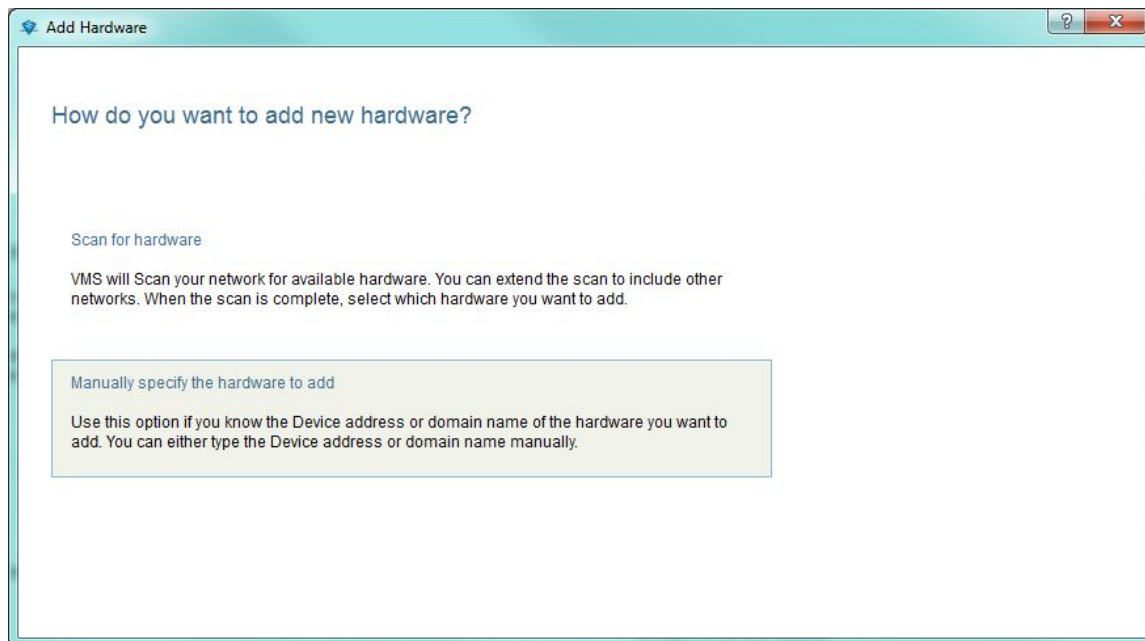
Serial number can be found on sticker placed on device, on a box and in device's menu. Recorder's serial no. is in **Main menu -> Network -> P2P**:
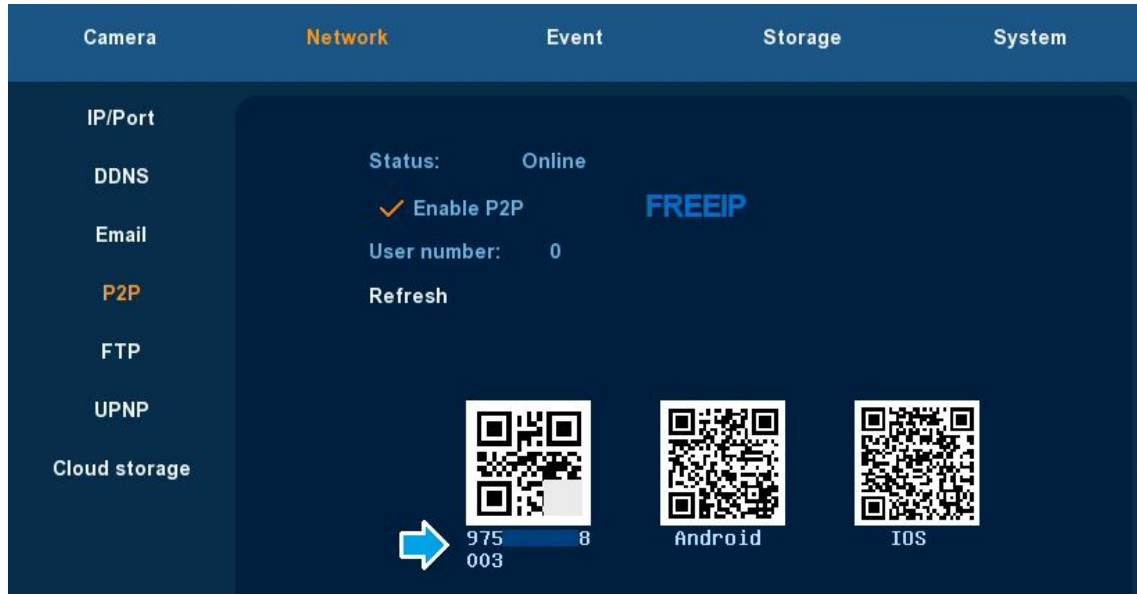
Camera's serial no. can be checked on its website in **Configuration -> Network -> Advanced Setup -> P2P**:
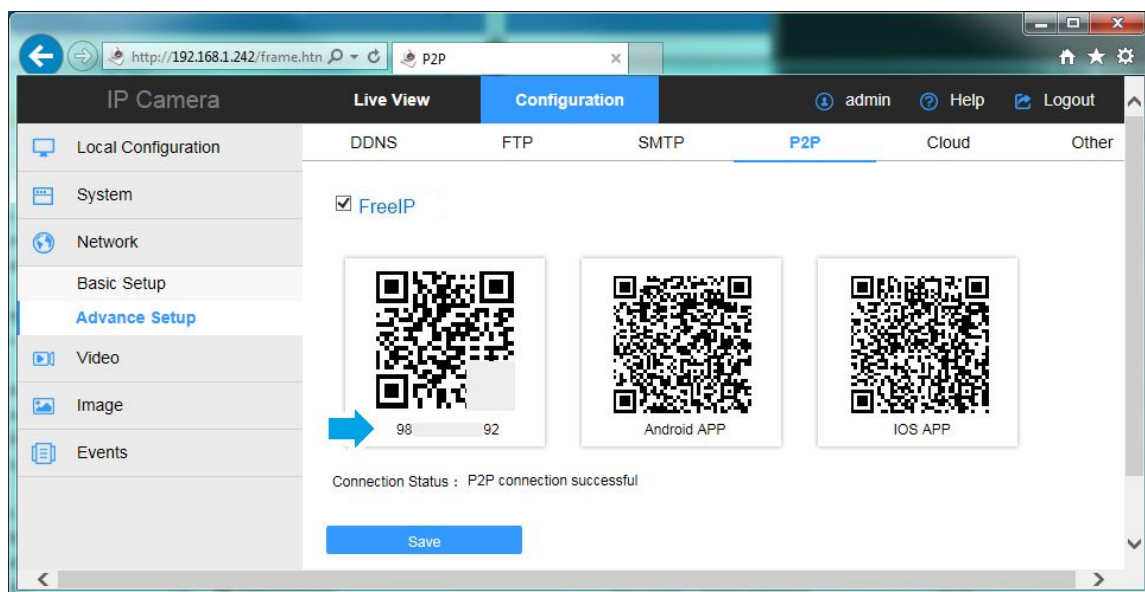
C. Select **'Manually specify the hardware to add'** option:

D. Input your device details:
- **Serial number** - recorder's or camera's IP address, in case of remote connections your router's external IP or DDNS domain linked to your router.
- **User Name / Password** - username and password for you device. Default login / password for recorders are **admin / 12345** and for cameras: **admin / admin**.
- **Channels** - number of video channels of your device, cameras have 1 video channel, recorders from 4 to even 36.
- **Driver** - use **P2P IPC** for cameras or **P2P NVR/XVR** for recorders.

and press **'Next'** button.

E. Make sure VMS software connected to your device and go to next step:

Close the wizard window with **'OK'** button after **'Your device are ready to use'** message.

Add Hardware

Your devices are ready to use

You have now successfully added 1 device(s) 8 channel(s) to your system. Maximum 256 channels can be added.
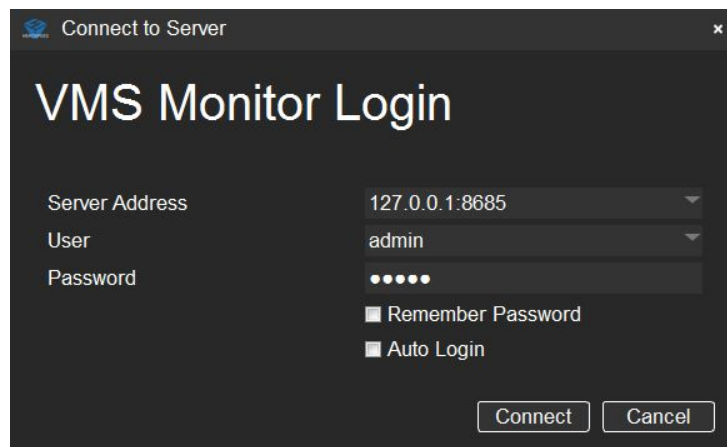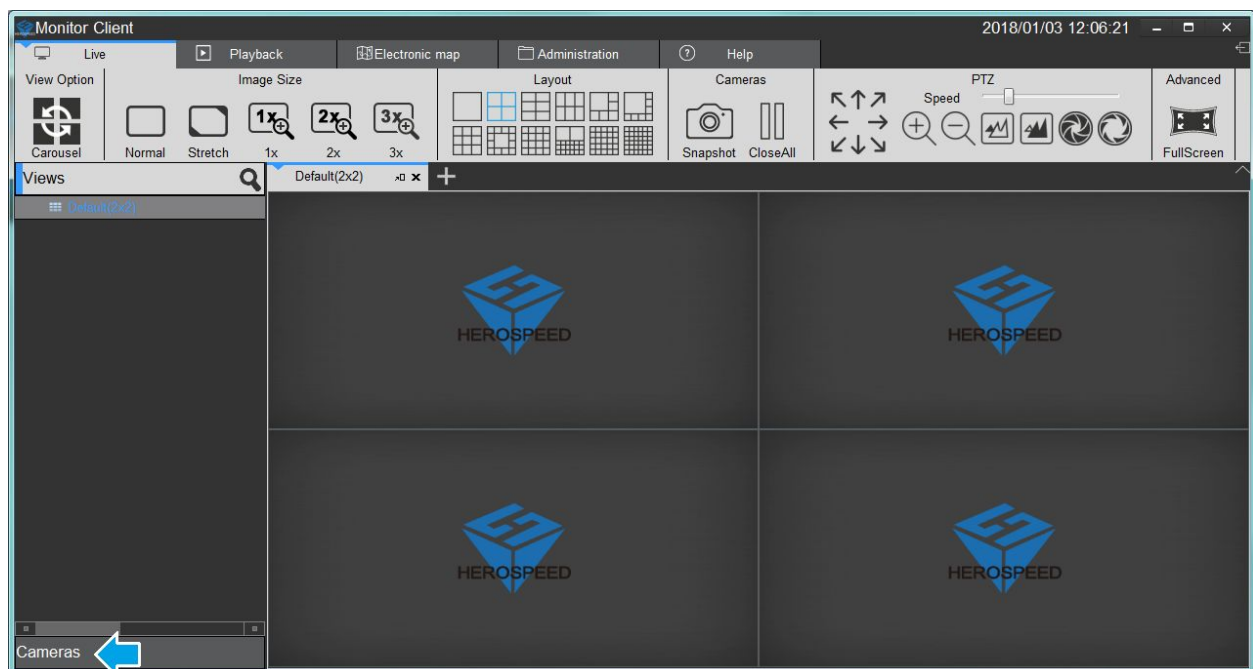
OK

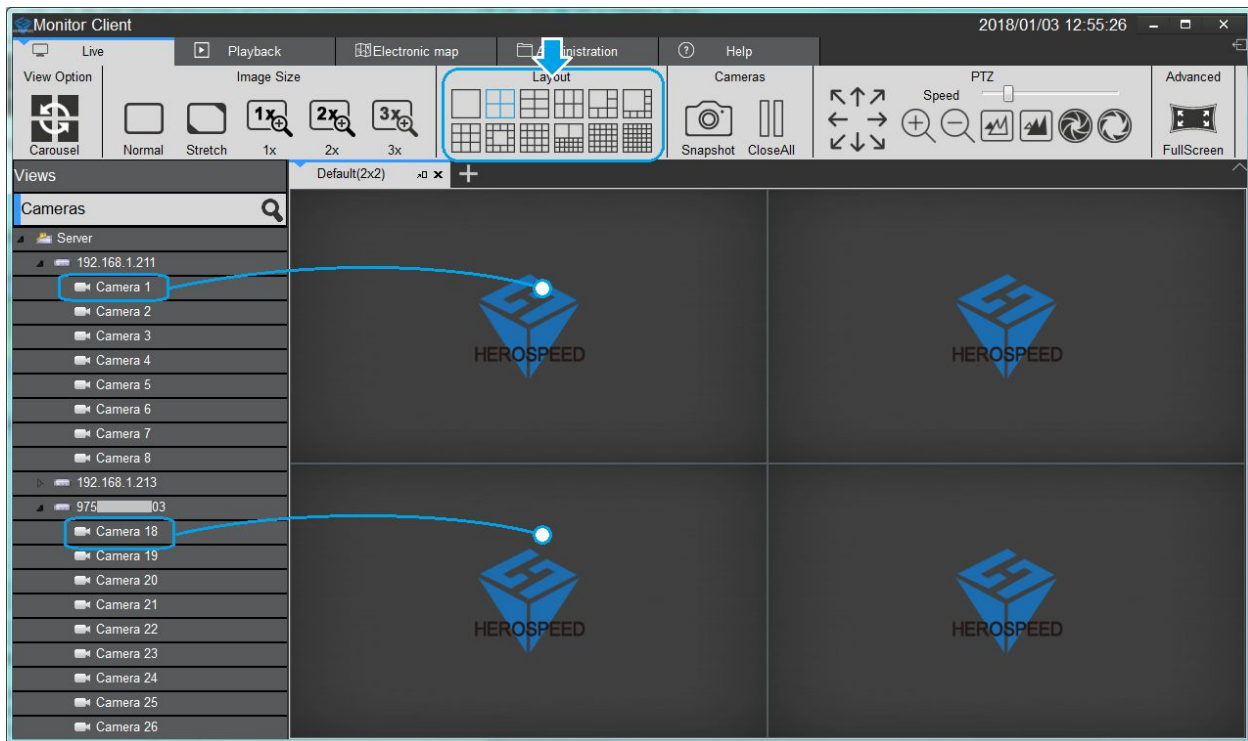# 2. Live preview

A. Start **VMS MonitorClient** software:

B. Log in and press **'Connect'** button:

C. Click **'Cameras'** button to display list of added devices.

D. Choose how many preview windows you want to be displayed in **'Layout'** sections and drag chosen cameras from the list on to preview windows:
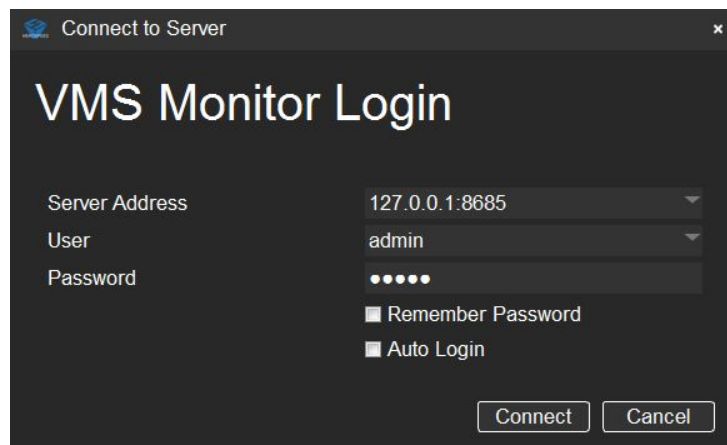

Note: optionally you can watch cameras by first selecting a window - click it and blue border will appear around it, and then double clicking camera on the list.
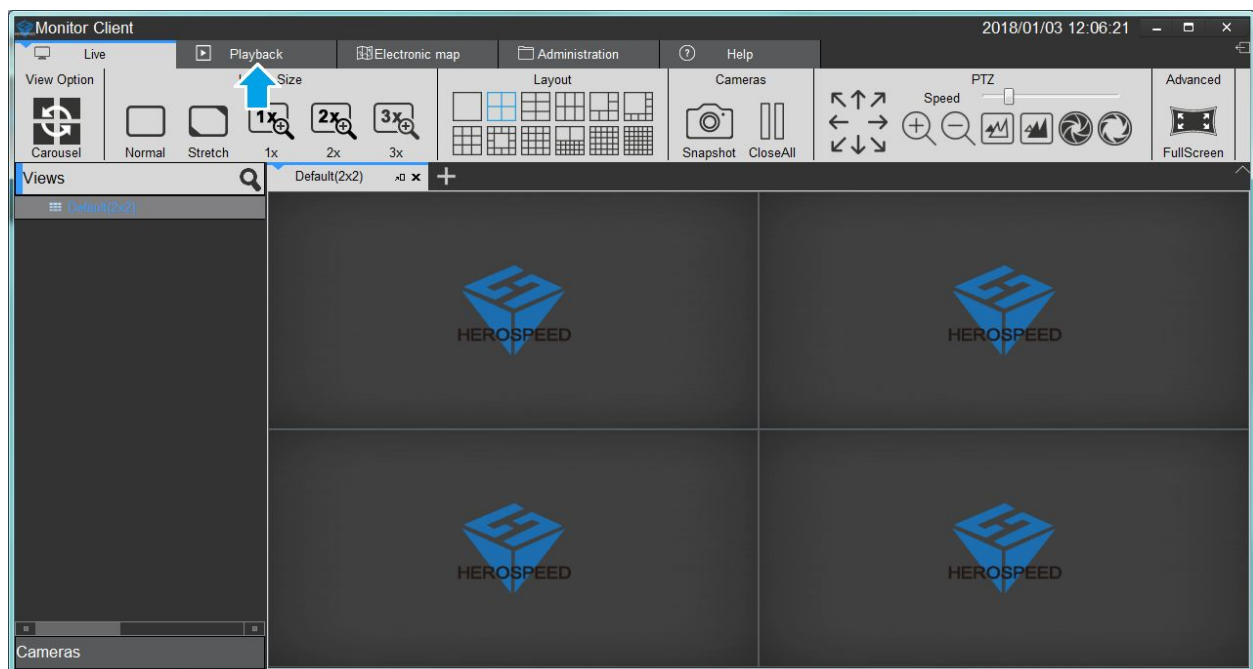
3. Playback and backup
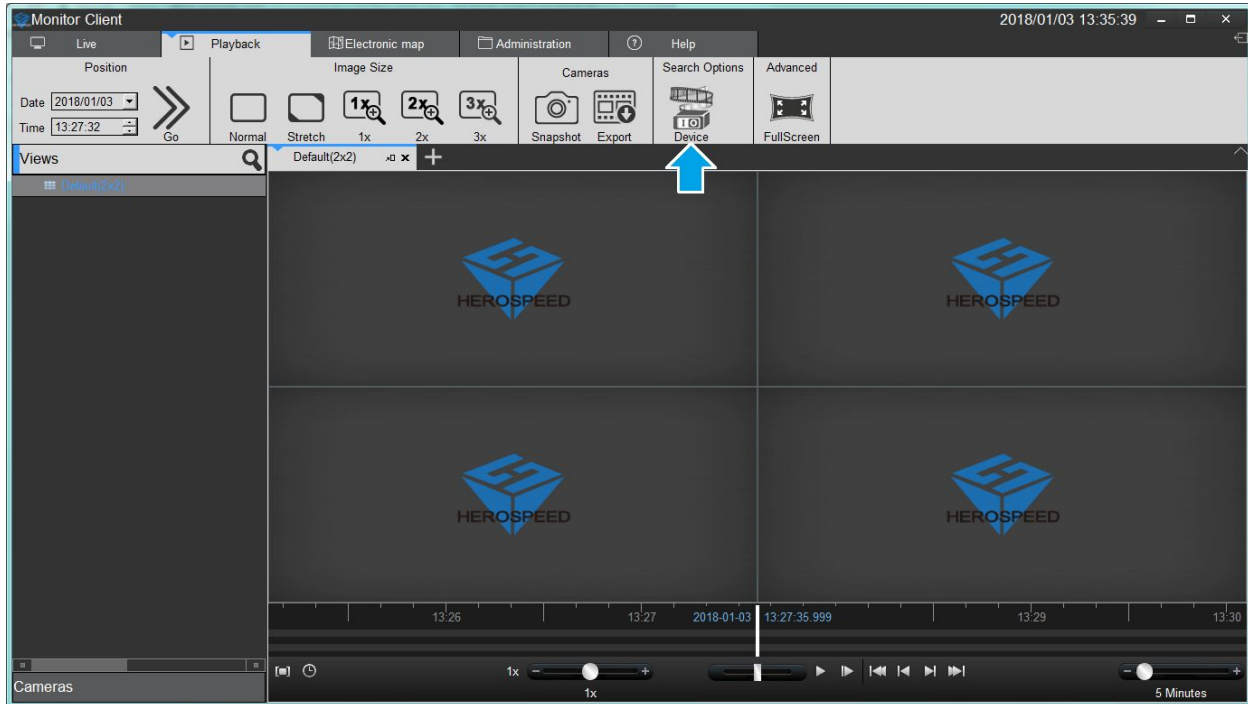
    A. Start **VMS MonitorClient** software:

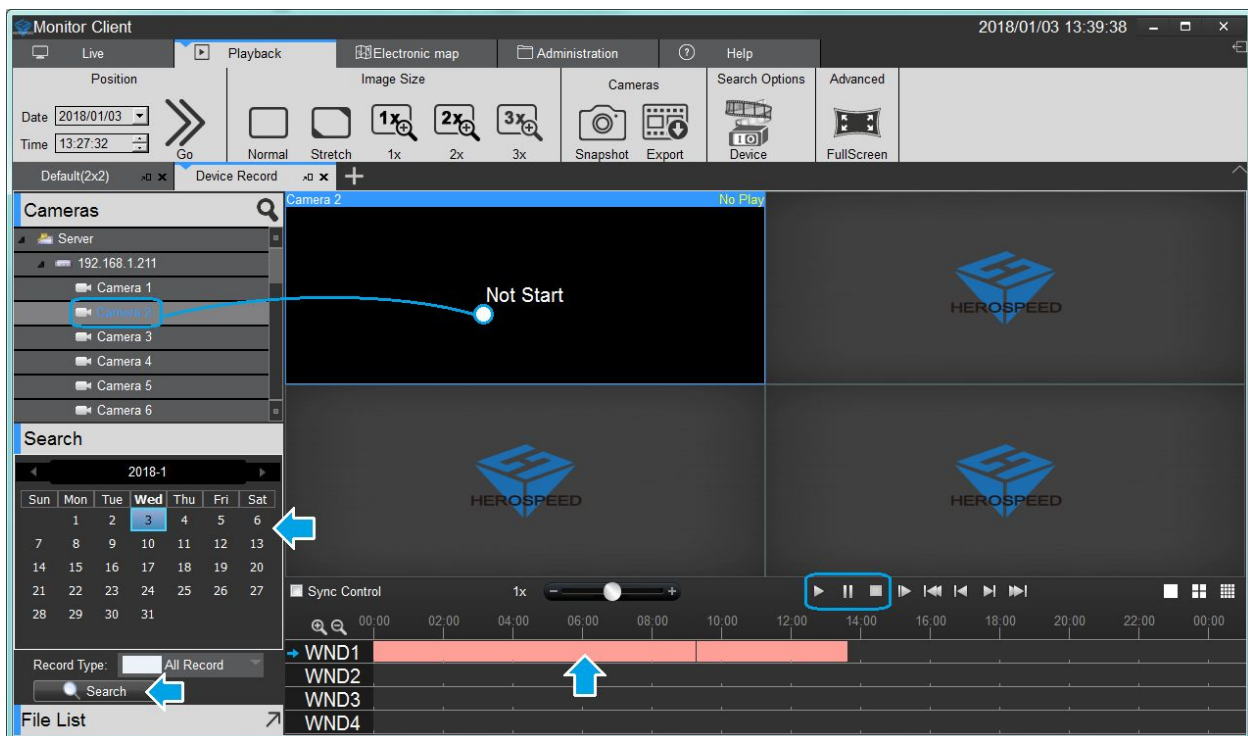   B. Log in and press **'Connect'** button:

    C. Click **'Playback'** tab:

D. Click **'Device'** button (from **'Search Options'** section):

E. Drag chosen camera on to preview window, select date from the calendar and press **'Search'** button:

You'll see pink bar on the timeline below - those are recorded files. You can play it by clicking play button or double click on the timeline on this pinki bar around time you want to watch it.

Once you know from what time you want to copy recordings you can proceed to copying them from recorder to your computer's hard drive.
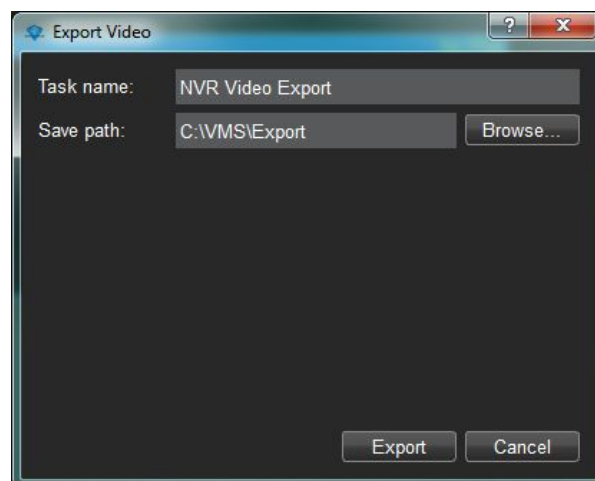
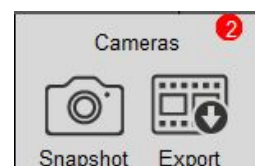F. Click an arrow on **'File List'** button to display file list:
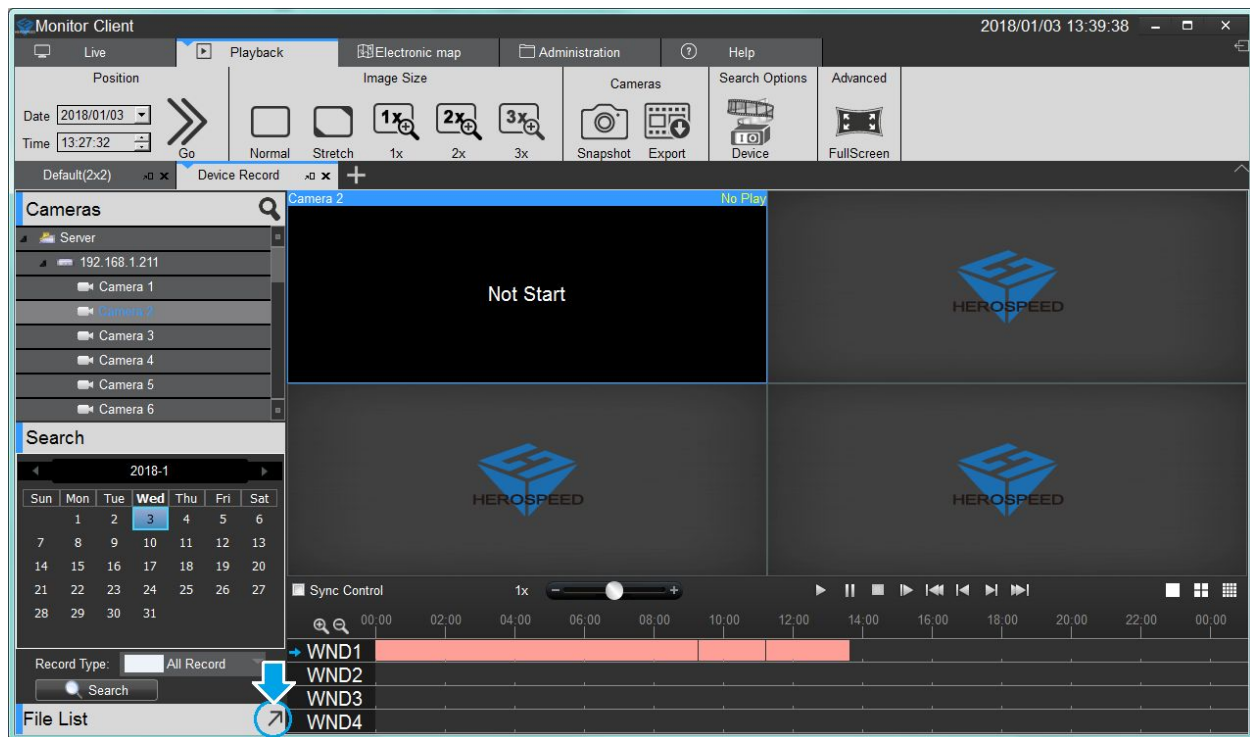
G. Select file / files you want to copy and press **'Export'** button:
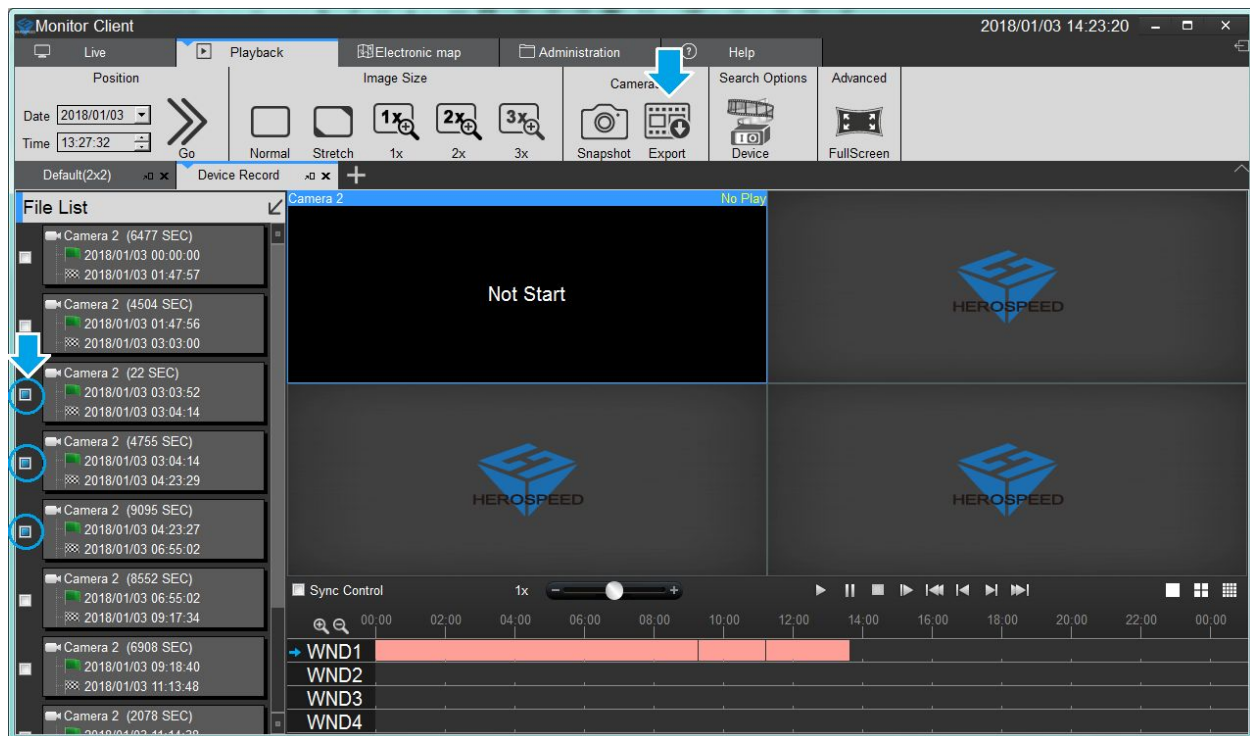
H. Popup window will let you choose where to save them, click **'Browse...'** button to change directory and then **'Export'** to start backup process:

Once backup starts you'll see red circle with number of files left to copy above **'Export'** button:

I. You can find more detail about file download in **'Administration'** tab by clicking **'Downloads'** button:
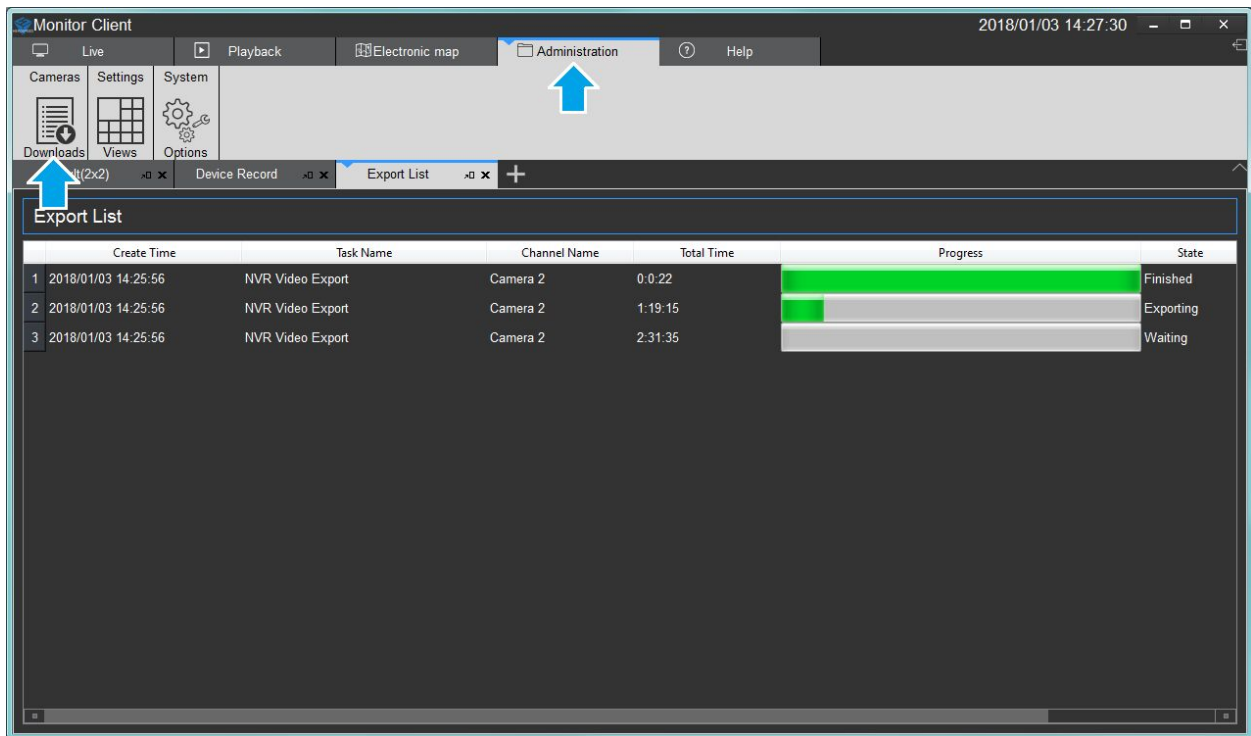
You can also cancel download of all or some files by clicking **'Cancel'** button next to the progress bar (it'll be visible after clicking file on the list):