

# Cameras

The VM03 mNVR uses IP as the video source RTSP cameras. You can read more about the RTSP protocol [here](#):

## Default IP camera settings:

- codec type: H264
- main stream extension: 1920×1080 Full HD
- lower quality main stream extension: D1
- key frame interval: 1..5s
- frames per second (FPS): 20..25
- bitrate type: CBR
- main stream extension bitrate: 3000 kB/s
- auxiliary stream bitrate: 600 kB/s
- audio stream: disabled (for cameras without a microphone)
- When using the H265 codec Live modes stream RTMP and HLS streams will be unavailable, and the processing time of the created files will increase due to the inability to play H265 in browsers.

Table 1 - Description of the camera status

Camera status	Behavior
The camera is physically connected, but its processing is not enabled	Photo and video processing for this camera will not occur
The camera is not physically connected, its processing is enabled	When you request a photo or video, the availability of the camera will be checked and in case of its absence, a file labeled <i>No connection</i> will be sent

## IP cameras manager

Chapter help to add cameras for work with device, press **Add camera** button to automatically add camera, or **Advanced button** to do this manually, or press **Start autoinit** button to add ONLY the dahua camera automatically

Figure 1 - chapter IP cameras manager

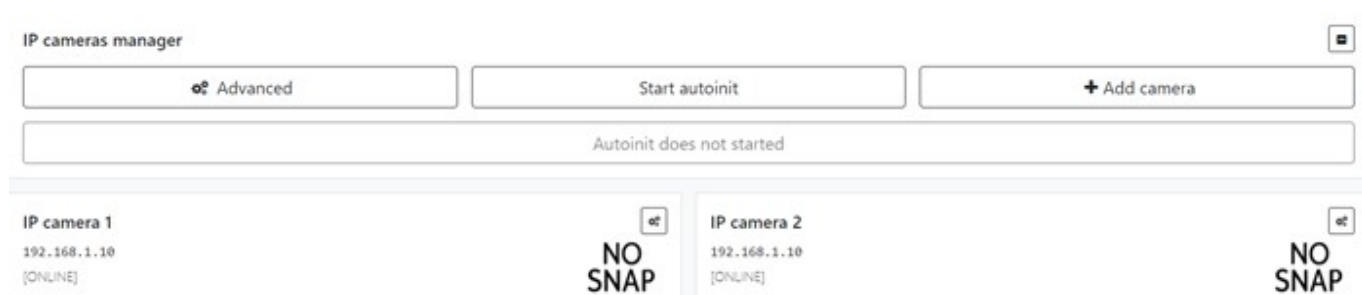


Figure 2 - advanced IP camera adding

## IP camera advanced adding



Leave the field empty for the default value

Warning: Adding a camera in place of an existing one will overwrite its settings!

Camera number	1	▼
Power state	ON	▼
Sound state	OFF	▼
Name	IP camera 1	
IP	192.168.1.10	
Gateway	192.168.1.20	
Max current, mA	600	
Manufacturer	DAHUA	▼
Username	admin	
Password	admin1234	
Communication protocol	TCP	▼
HIGH link	rtsp://admin:admin1234@192.168.1.10:554/cam/realmonitor?c	
LOW link	rtsp://admin:admin1234@192.168.1.10:554/cam/realmonitor?c	
HIGH snap link	http://admin:admin1234@192.168.1.10/onvifsnapshot/media_:	
LOW snap link	http://admin:admin1234@192.168.1.10/onvifsnapshot/media_:	

Discard Save

Table 2 - advanced IP camera adding parameters description

Paramter	Parameter description
Camera number	Number of camera
Power state	ON/OFF
Sound state	ON/OFF
Name	The camera name
IP	Camera address
Gateway	The gateway of camera
Max current, mA	The maximum value of current that can flow on cameras
Manufacturer	The manufacturer of the camera

Figure 3 - editing camera window

### IP camera 1 ✕

Leave the field empty for the default value

Power state  
ON ▼

Sound state  
OFF ▼

Name  
IP camera 1

IP  
192.168.1.10

Gateway  
192.168.1.20

Max current, mA  
600

Manufacturer  
DAHUA ▼

Username  
admin

Password  
admin1234

Delete Discard Save

You can check your parameters, change them, add new data or delete camera

To set the default settings, click the **Default button**. To save settings in NVR click **Save settings** button.

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Last update: **2025/08/31 23:17**