

Quick guide GIP-H265-2.1MP-CP2-3.3MM

How to setup the IP stream camera to acquire a first stream



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Introduction

This Quick Guide provides a brief introduction on the GIP-H256-2.1MP-CP2-3.3MM software features and how to establish a first connection. In addition, it is described how to use 3rd party software to view the image stream and change basic parameters like the IP setting.

Preparations

In order to quickly access the cameras IP address and establish a first connection, the ONVIF Device Manager (ODM) is used.

- 1. Download and install ODM, available in our download area. (<u>https://www.get-</u> <u>cameras.com/requestdownload</u>)
- 2. Connect the camera to your computer, use a PoE switch if your computer does not support Power over Ethernet.
- 3. After the program was successfully installed, open ONVIF Device Manager.
- 4. Available cameras in the network will be displayed automatically.



- 5. The cameras IP address is visible right away in the device list. Copy it to clipboard or note it.
- 6. Close ODM

First connection

The first connection is straightforward:

- 1. open your web browser
- 2. type or copy the address of the camera
- 3. Type in credentials:
 - o Username: admin
 - o Password: admin1357
- 4. You can now control the camera and view the livestream

Quick function overview

The web client will display an image stream right away. The icon in the top left corner will display a settings menu.



In the settings menu one can choose between:

- a) Player Control (camera symbol, left)
- b) Settings (gear symbol, middle)
- c) Log out (arrow symbol, right)



Settings

The majority of settings are self-explaining and are applied after clicking "Save".

- E.g.: The live stream parameters can be adjusted in the submenu Video & Image -> Stream.
 - Here one can edit compression mode, resolution and frame rate, as well as stream parameters like bitrate and bitrade mode (CBR or VBR).

		N2E-6S307	
■ ¢ \$ ⊕	🖀 SETUP > Video & Image > Stream		
Information	Stream		🖺 Save
🖬 Video & Image 🗸 🗸 🗸			
Source	Stream1	Stream2	Stream3
Stream	Compression	Compression	Compression
Image	H.264 High Profile 👻	H.264 High Profile 🗸	MJPEG ~
Privacy Mask	Resolution	Resolution	Resolution
Digital Zoom	1920x1080 🗸	640x360 🗸	640x360 🗸
🞜 Audio	Frame rate	Frame rate	Frame rate
In Event ✓	30 🗸	30 🗸	15 🗸
A Sustem	GOP size	GOP size	Quality
age system	60 ~	60 ~	60 ~
	Bitrate control	Bitrate control	
	CBR ~	CBR 🗸	
	Bitrate (Kbps]	Bitrate [Kbps]	
	4000 ~	1000 ~	

How to change the IP settings via ODM

- 1. open the ONVIF Device Manager
- 2. navigate to Network settings. The camera is set to DHCP by default.



3. For a static IP address, change DHCP to Off and enter the desired IP configuration:

ONVIF Device Manager v2.2.250				- 🗆 X
Name Password	Log in 🗹 Remember			🧔 💥 💈
Device list 《	NOBRAND_N2E-6S307		Network settings	
Name, location or address Cancel NOBRAND_N2E-65307 Firmware 6.1.311 Address 169.254.214.160 Location	Onvif NVT 1: Profile1	Identification Time settings Maintenance Network settings User management Certificates Relays Web page Events Refresh Live video Video streaming Imaging settings Metadata Profiles	DHCP: IP Address: Subnet mask: Default gateway: Host name: DNS: NTP servers: HTTP ports: HTTP ports: RTSP ports: Enable zero config: ONVIF discovery mode:	Off ▼ 192.168.0.10 255.255.0 192.168.1.1 192.168.1.1 Manual N2E-65307A4580FE04F099 Manual 168.126.63.1 Manual 192.168.1.4 Enable 80 Enable 80 Enable 554 I 062.254.214.160 Discoverable Apply Cancel
Add			l	

How to change credentials

- 1. open the ONVIF Device Manager
- 2. navigate to User management.
- 3. By default, only the administrator is configured.
- 4. Click on *Modify* to change the password.



5. Via the button *Create*, you can generate users with different rights.

Access the livestream via Real Time Streaming Protocol

The Real Time Streaming Protocol (RTSP) is an easy way to display the video stream. Once the video stream settings are configured, the stream is started every time the camera is

powered.

To open the livestream via RTSP, one can use a variety of programs. Such as specialized recording software or open source media players.

For example, the free to use VLC player can be used for this purpose.

Open the VLC player and navigate to Media -> Open Network Stream...

	VLC	media play	/er					_	[×
Me	dia	Playback	Audio	Video	Subtitle	Tools	View	Help			
▶	Op	en File			Ctrl+	0					
Þ	Op	en Multiple	Files		Ctrl+	Shift+O					
►	Op	en Folder			Ctrl+	F					
٠	Op	en Disc			Ctrl+	D					
**	Op	en Network	Stream.		Ctrl+	N					
E	Op	en Capture	Device		Ctrl+	С					
	Open Location from clipboard Ctrl+V										
	Op	en Recent N	/ledia								
	Save Playlist to File Ctrl+Y										
	Cor	nvert / Save			Ctrl+	R					
((*))	Stre	eam			Ctrl+	S					
	Qui	it at the end	d of play	list							
E-	Qui	it			Ctrl+	Q					
			::: tH	=					•)) ¹	00%	

A new popup window will appear. Enter the cameras IP address after *rtsp://* and click *play*.

🛓 Open Media			_		×
🕨 File 🛛 🚱 Disc	Network	E Capture Device			
Network Protocol					
Please enter a network	URL:				
rtsp://192.168.1.111					~
http://www.example. rtp://@:1234 mms://mms.example rtsp://server.example http://www.yourtub	com/stream.avi .com/stream.asx .org:8080/test.sdp a.com/watch?v=gg64x				
Show more options					
		F	Play 🔻	Car	ncel

The cameras image stream will be displayed right away:



Revision history

Revision	Information
1.0	Initial publication