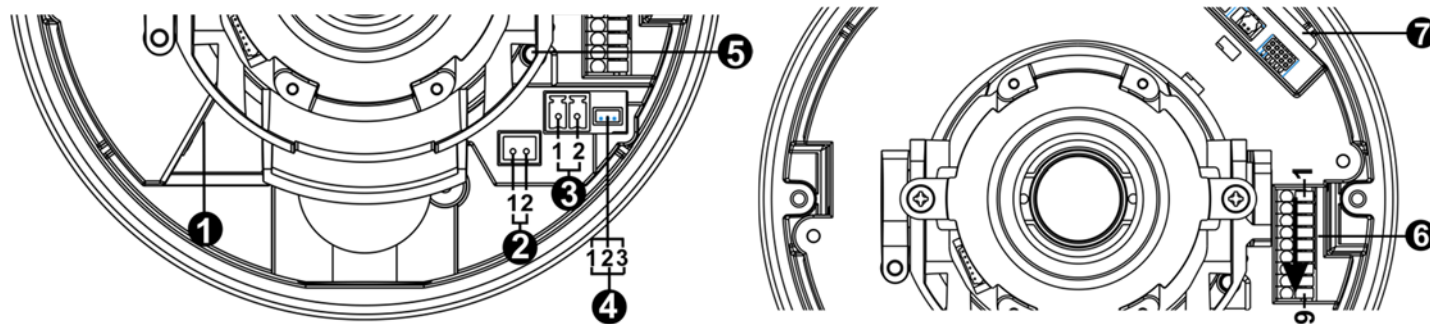


Ultra High Definition Multiple Streams Mini Rugged Dome IP Camera Quick Guide

This guide is for quick installing and connecting the 4K UHD Multiple Streams Mini Rugged Dome IP Camera. For more details, please refer to the User's Manual of the camera in the supplied CD.

Camera's Connectors



No.	Connector	Pin	Definition		Remarks
1	RJ-45	-	Network and PoE connection		
2	Analog video	1	GND		For analog video output (BNC adaptor optional)
		2	Video		
3	Power (DC 12V / AC 24V)	1	DC 12V	AC 24V 1	Power connection
		2	GND	AC 24V 2	
4	RS-485	1	D-		RS-485 connection**
		2	D+		
		3	GND		
5	Default Button	-	Press the reboot button with a proper tool for at least 20 seconds to reboot the camera.		
6	Alarm & Audio I/O	1	Audio In L		Audio In*
		2	Audio In R		
		3	GND		
		4	Audio Out L		Audio Out*
		5	Audio Out R		
		6	Alarm Out +		Alarm connection
		7	Alarm Out -		
		8	Alarm In +		
		9	Alarm In -		
7	SD Card Slot	-	Insert the SD card into the card slot to store videos and snapshots. Do not remove the SD card when the camera is powered on.		

* Listen only is supported by GEUTEBRUECK DVRs. (**) RS-485 is not supported by GEUTEBRÜCK DVRs!

NOTE: It is not recommended to record with the SD card for 24/7 continuously, as it may not be able to support long term continuous data read/write. Please contact the manufacturer of the SD card for information regarding the reliability and the life expectancy.

Camera Cabling

Please follow the instructions below for cable connections.

Power Connection

Please use a DC 12V / AC 24V power adaptor and plug it to the camera and the power outlet. Alternatively, users can use an Ethernet cable and connect it to the RJ-45 connector of the camera and a PoE switch (standard PoE 802.3af).

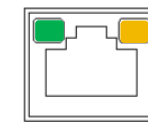
NOTE: If PoE is used, make sure an PoE switch/adaptor is used in the network.

Ethernet Cable Connection

Connect one end of the Ethernet cable to the RJ-45 connector of the camera, and plug the other end of the cable to the network switch or PC.

NOTE: In some cases, Ethernet crossover cable might be needed when connecting the camera directly to the PC.

NOTE: Check the status of the link indicator and the activity indicator LEDs. If the LEDs are unlit, please check the LAN connection.



Green Link Light indicates good network connection.

Orange Activity Light flashes for network activity indication.

Before Login to the Camera

A client program will be automatically installed to the PC when connecting to the camera. Before logging in to the camera, please ensure downloading the ActiveX control is allowed by either changing the ActiveX controls and plug-ins or setting Internet's security level to default. For further details, please refer to the User's Manual in the supplied CD.

ActiveX Controls and Plug-ins Settings	Internet Security Level
Step 1: Start the Internet Explorer (IE). Step 2: Select <Tools> from the main menu of the browser. Then click on <Internet Options>. Step 3: Click on the <Security> tab and select <Internet>, and click on <Custom level> to change ActiveX settings. Step 4: Set "ActiveX controls and plug-ins" items to <Prompt> or <Enable>.	Step 1: Start the Internet Explorer (IE). Step 2: Select <Tools> from the main menu of the browser. Then click on <Internet Options>. Step 3: Click on the <Security> tab and select <Internet>. Step 4: Down the page, click <Default Level> and click on <OK> to confirm the setting. Close the browser window, and open a new one later for accessing the IP camera.

Camera Login

The default setting of the camera is: **DHCP**. You can find the camera via the **Device Searching Tool** which is on CD. If no DHCP server is in network, the camera sets itself to IP address **192.168.0.250**. If you now want to get access to the camera, please set the IP address of the PC as: 192.168.0.XXX; for example:

IP Address: 192.168.0.100

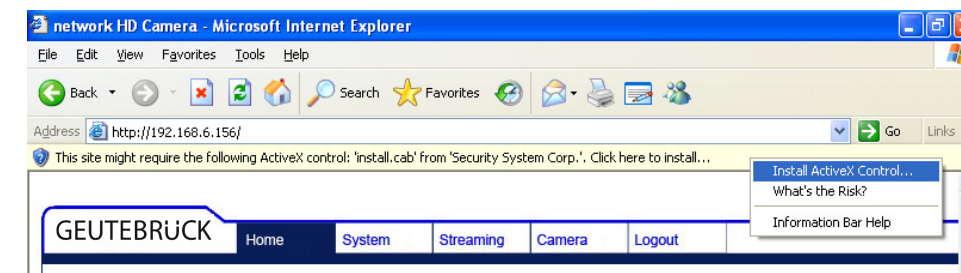
Subnet Mask: 255.255.255.0

Login ID and Password

- Key in the camera's IP address in the URL bar of the web browser window and hit on "Enter".
- Enter the default username (**root**) and password (**admin**) in the prompt request dialogue. Note that username is case sensitive.

Install the ActiveX Control

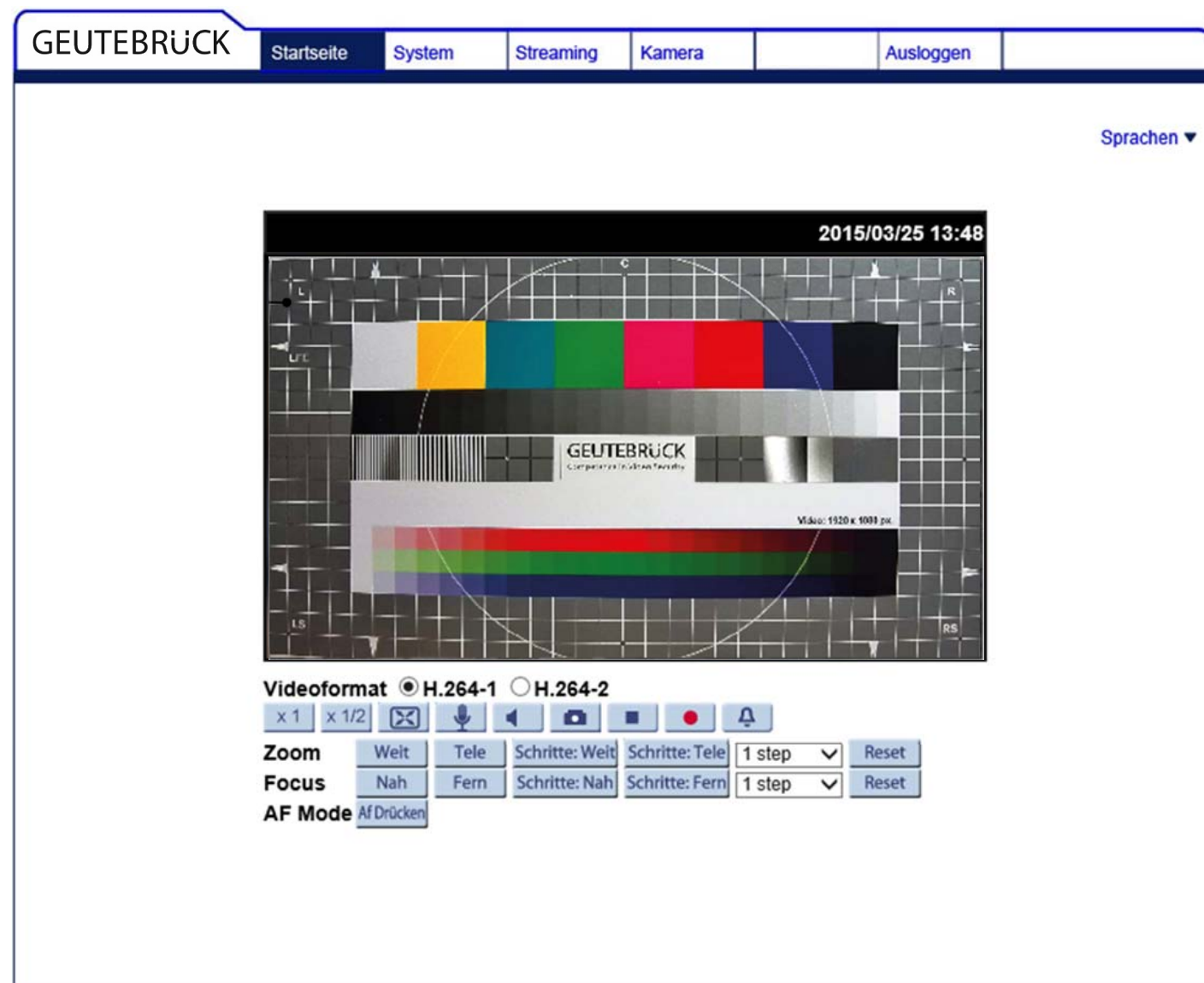
- After connecting to the camera, the request for installing the ActiveX control will appear just below the URL bar.
- Right click on the information bar, and then click on <Install ActiveX Control...> to permit ActiveX control installation.



- In the pop-up security warning window, click on <Install> to start downloading DC Viewer software on the PC.
- Click on <Finish> after Viewer installation is completed.

Browser-based Viewer

The main page of the IP camera user interface is shown as the figure below. Please note that function buttons will vary depending on the camera model.



GEUTEBRÜCK

G-Cam/EFD-3410 G-Cam/EFD-3430

Ultra High Definition Multiple Streams
Mini Rugged Dome IP Camera
Quick Guide

Ver. 1.4



Note: For details about configuring the camera in GEUTEBRÜCK-Software (**G-Set** and **GSC-Setup**), please refer to the Quick Guides, which can be found at the supplied CDRom.