

# HOW TO USE THE CAMERA LOCOMOTIVE

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## You can use the camera locomotive in two different ways:

### 1) Direct = Hostmode:

The Hostmode is the main connection with your cameraloco. In order to **view the camera picture** you have to connect directly to the cameraloco. To connect directly to the loco you have to open your WLAN-Settings and click on the VIDEOxxxx (xxx stands for the individual number of your loco) and enter the password within your locomotive case (see Pic 1 marked in green).

Now add a new camera-locomotive in the categorie "Vehicles" of your Z21 app (see Pic 2). Therefore the locomotive is automatically configured as camera loco. Now you should be able to view the picture by clicking the video symbol in the Play Mode.

**Note: You cannot control the locomotive in this mode.**

### 2) Indirect = Clientmode:

The Clientmode **enables the picture** and the **possibility to control** the locomotive at the **same time**. In order to connect your locomotive with your Z21 you have to connect your Tablet/Smartphone with your Z21, usually called Z21\_xxxx /xxxx=4 digit number/ (see Pic 1 marked in blue).

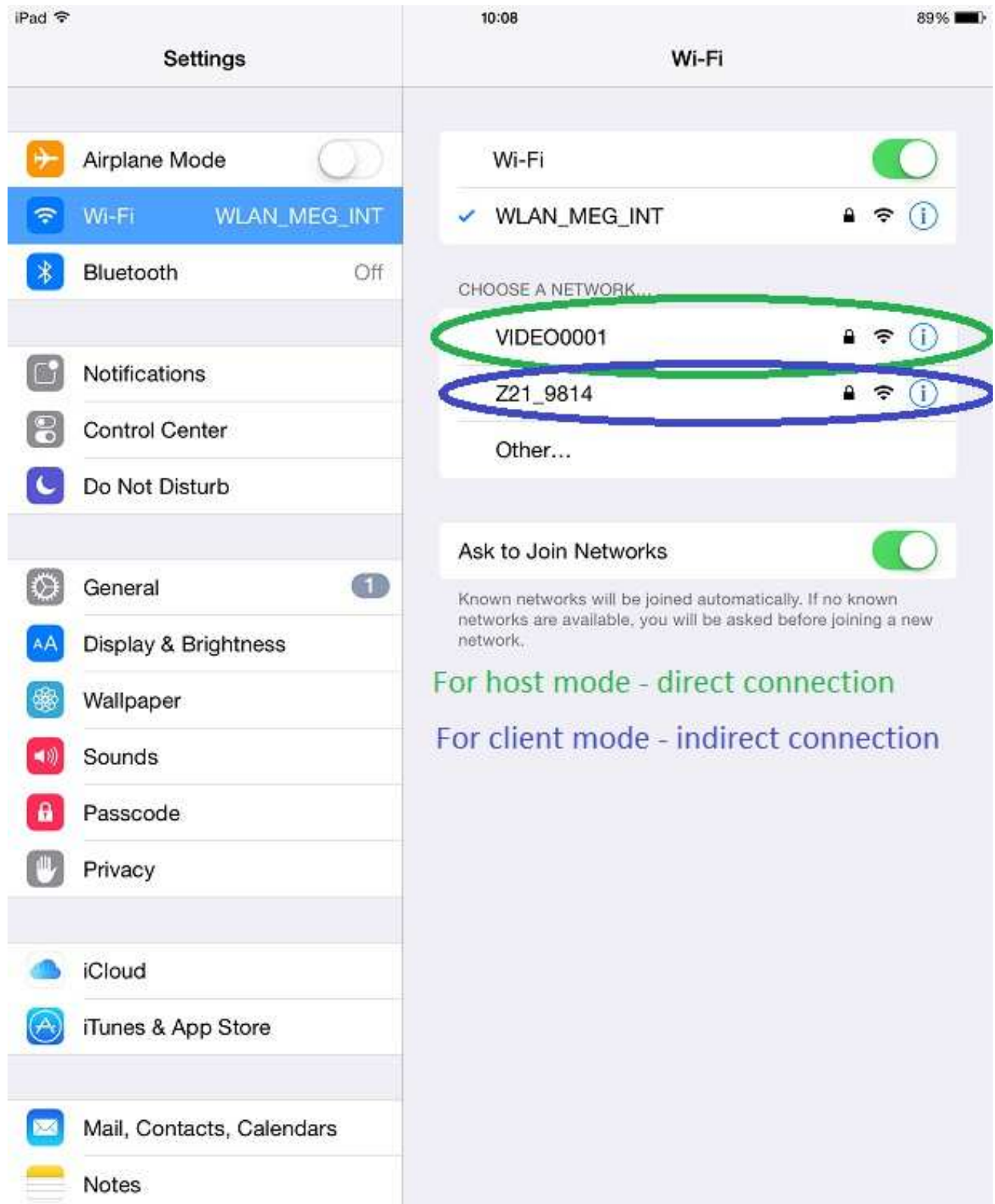
When connected switch to the Z21 App and to the railed vehicles settings (see Pic 2, point 1). Choose the already created video locomotive and click on the subitem "Video"(see Pic 3 on top). Then select "Configurate client-mode" (see Pic 3 at the bottom).

You'll be asked to put the SSID and the PASSWORD/PIN of you Z21 Router (see Pic 4). The SSID of the router is usually called Z21\_xxxx (xxxx=4 digit number), you can find the SSID when you go into your WLAN settings (see Pic 1). You can find the PASSWORD/PIN on the bottomside of your TP-Link-Router. This code should be 8 digits long. When you put in the SSID and the PIN be very precisely since any wrong input would hinder the progress and force you to reset the locomotive.

After you put in the SSID and PIN you can check your input once again. Now activate the client-mode (see Pic 4, circled red) and wait for about 40 seconds to reboot the locomotive. Now you should be able to view the locomotives picture while using your Z21.

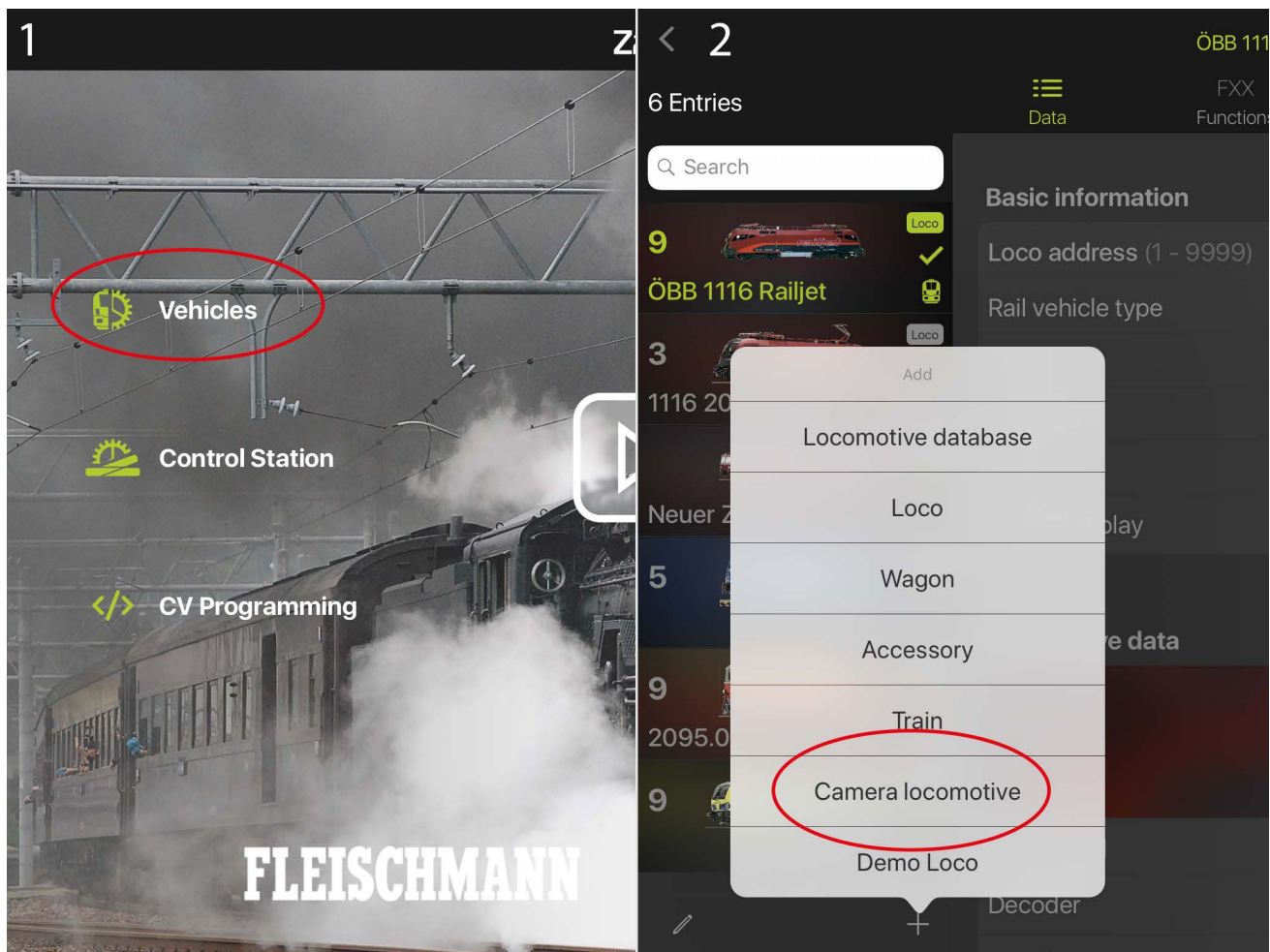
To reset the locomotive you can do so by starting the host mode via your Tablet as explained in point 2 or change the CV 8 into 97 while your locomotive is on a programm track. (Note: the cv 8 will always be 145. When you change it to 97. It forces the router of the locomotive to hostmode but will stay 145)

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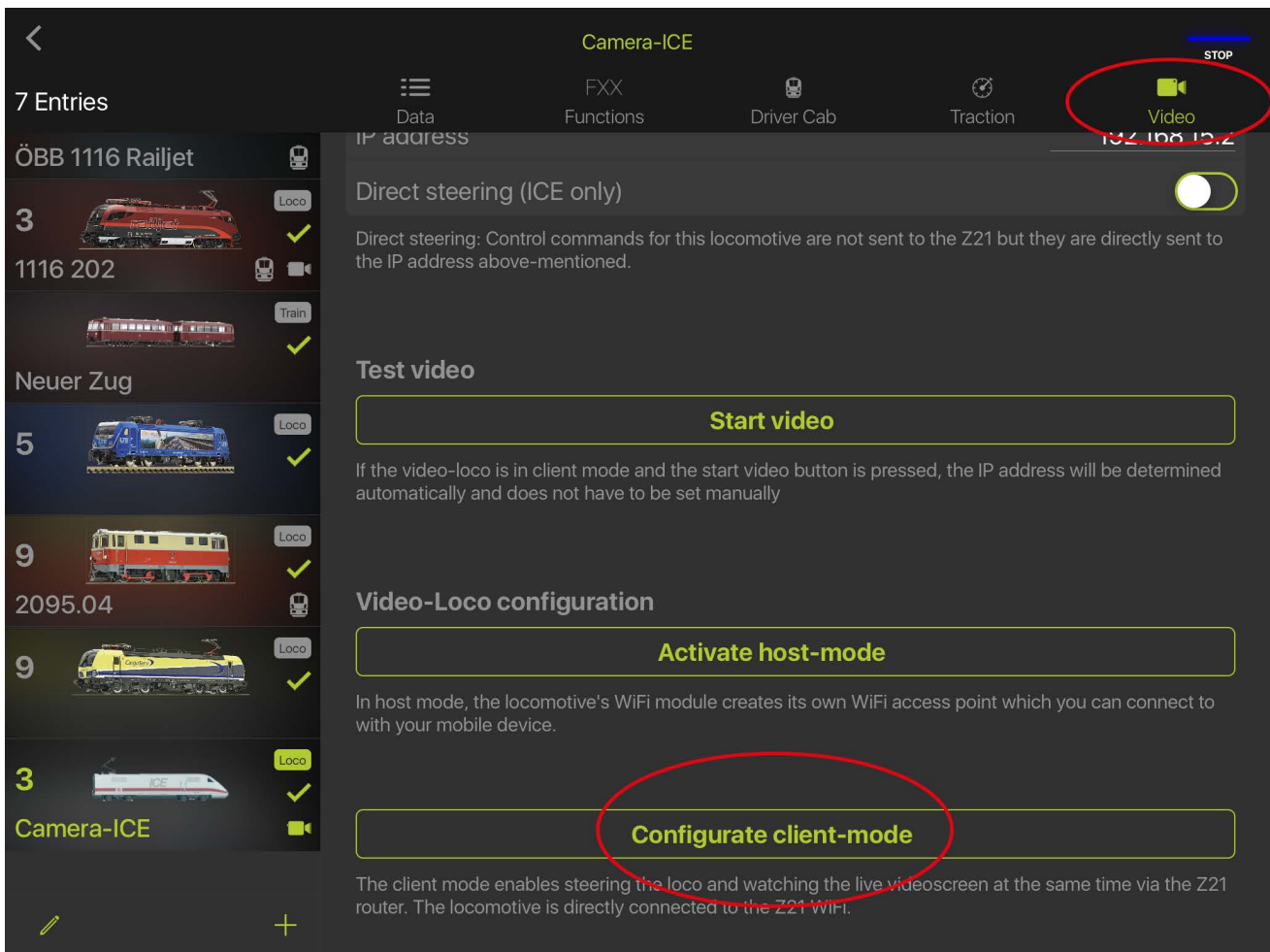
## PIC 1

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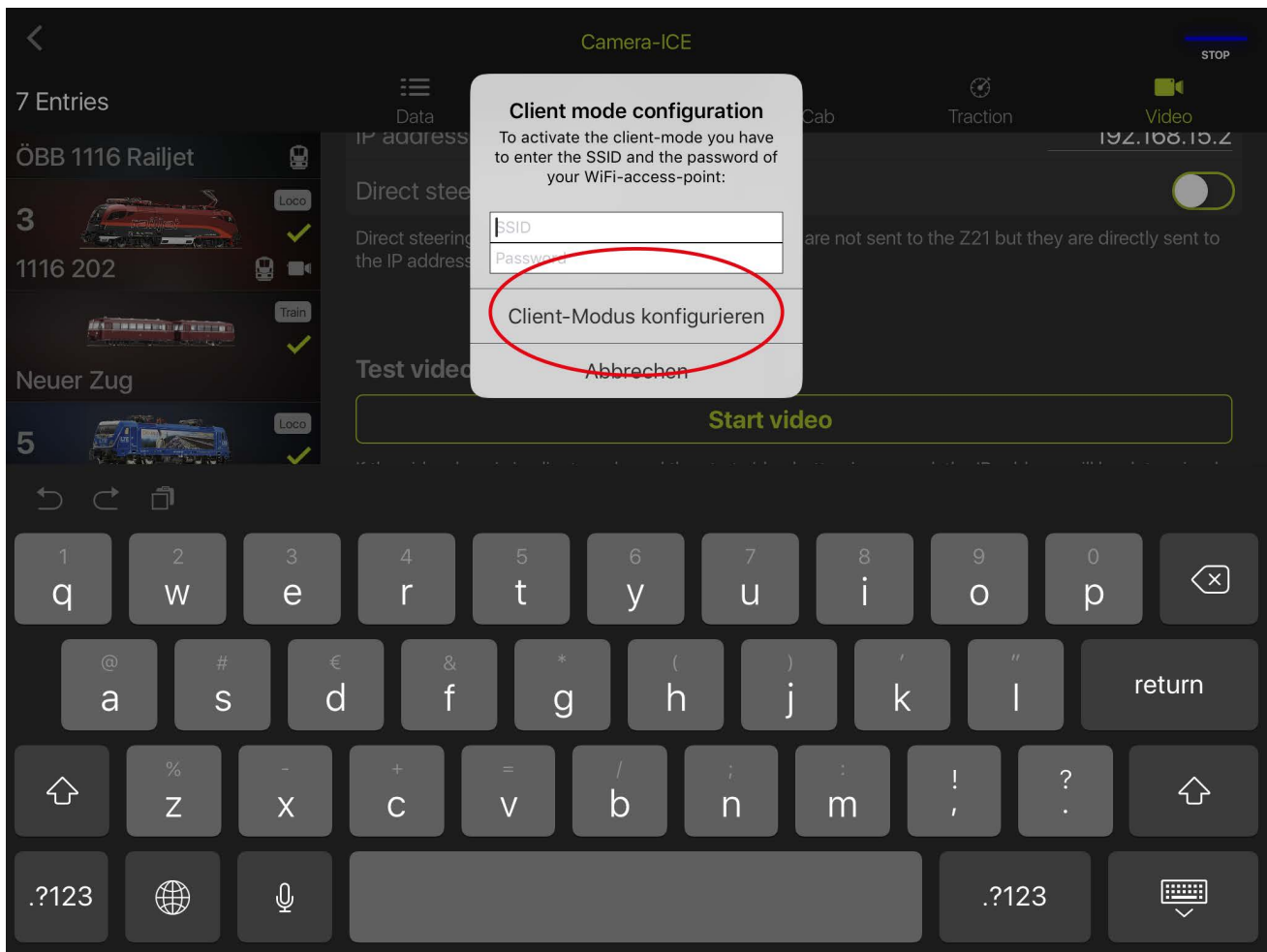
## PIC 2

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## PIC 3

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## PIC 4