How to use DS-1006KI to control PTZ via RS-485

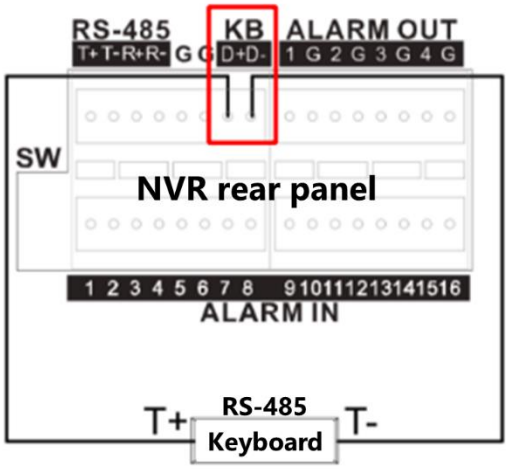
Device model:

1. Keyboard: DS-1006KI
2. NVR: DS-8632NI-I8

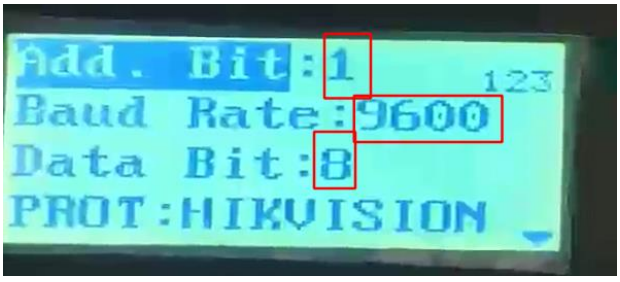
Background:

The purpose of this document is to guide users how to control DVR or NVR GUI via DS-1006KI by RS-485 protocol.

Physical connection:



The baud rate, protocol and other parameters of RS-485 on this keyboard must be set to 9600, 8, 1, and none parity.



Keyboard operation:

Step1: Activate device

Input password and confirm password, make sure the password is strong enough, or else you would see the hint “Risky password”, it is not ordinary in our other test environment.

Step2: After input system, can see this interface.



Step3: Click mode and choose “DVR by RS-485” option to enter RS-485 mode.



According to the device firmware version to choose “Yes” or “No”:

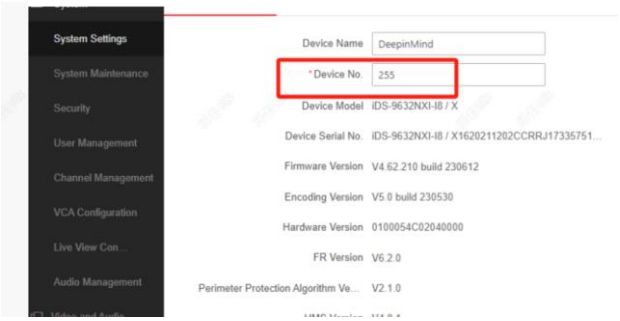
NVR	v4.1.50 or above	Others
DVR	v3.5.35 or above	Others
	Yes	**No**



Step4: Select device **No.** and the camera channels you want to control.
DEV: the NVR/DVR device number you want to control
KEY: the control command you want to import, like camera channel No., PTZ, PRESET, etc.

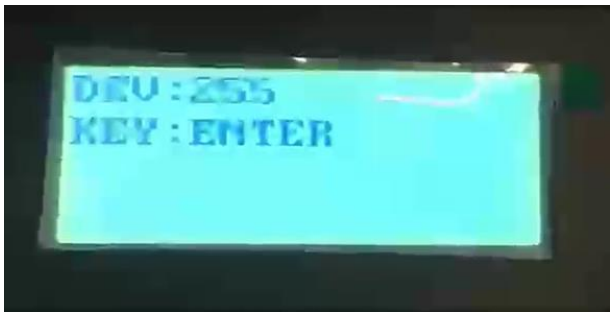


You can get the device **No.** from the device web page.



For selecting camera channels, keyboard is following NVR's panels control logic. The display screen would show the digits one by one. You can check the NVR's monitor to see whether channels selecting change or not.

Import the camera channel No., then press the "ok" button on the keyboard face. And you will see "ENTER" in the screen, which means you can control that camera now.



Step5: Enter PTZ control mode

After step4, you should press “OK” button, then the “IRIS- PTZ” button to enter the PTZ control mode. It would realize the function that control the PTZ through keyboard panels and rocker.

