

# DoorBird + HCx-KNX integration

## Preliminary

The DoorBird door station gets its network configuration automatically, using DHCP. Depending on the setup of your DHCP server (typically a router or DSL modem) this means that the IP address assigned to the DoorBird may change occasionally.

Since the Iddero touch panel needs to know the IP address of the DoorBird in order to show the live video (and possibly for relay activation), it is recommended to configure the DHCP server so that it always assigns the same IP address to the DoorBird. Most DHCP servers allow to do this by mapping Ethernet (MAC) address to IP address. The exact procedure depends on the specific DHCP server used.

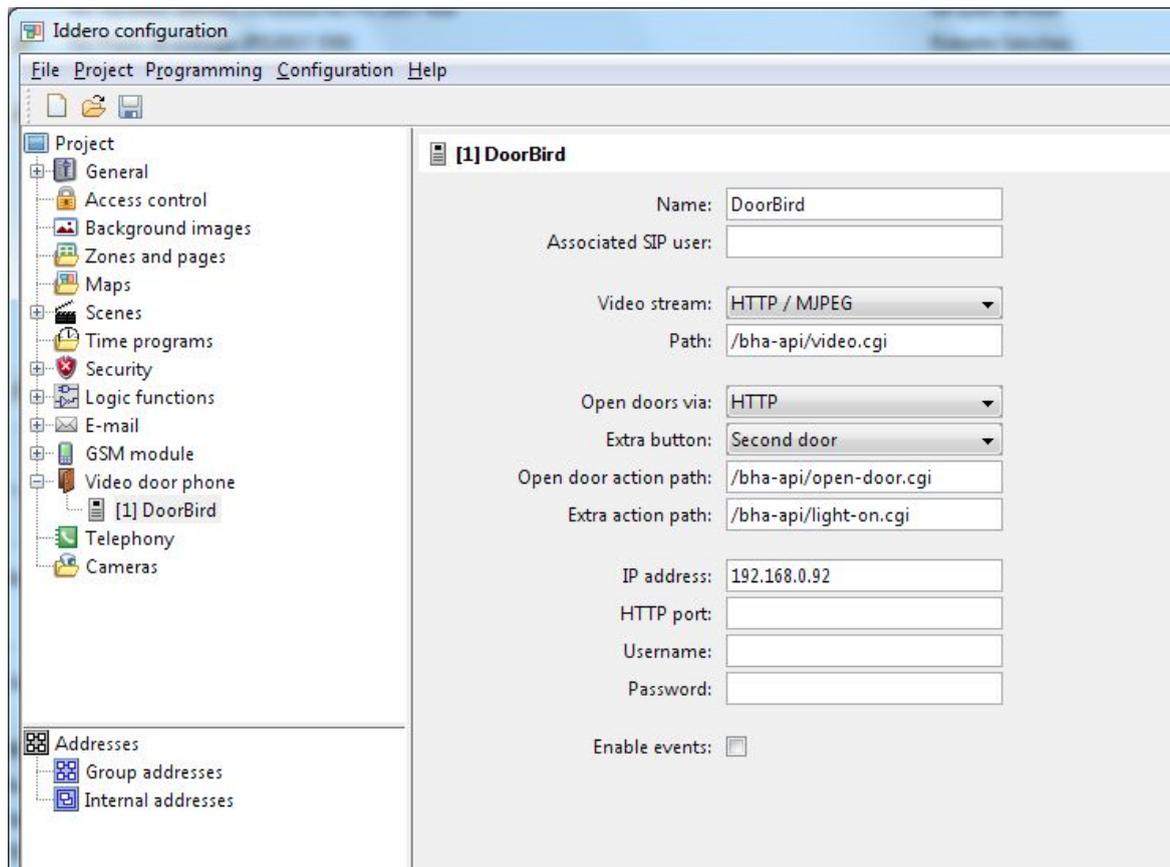
Also please check the following:

- The IP address used for the Iddero touch panel must be outside of the range of addresses managed by the DHCP server
- The Iddero touch panel and the DoorBird must be on the same subnet

Note: The DoorBird door station officially only allows a maximum of 1 concurrent connections per second for “third party” client devices (i.e. any external devices not including DoorBird’s own mobile app). Trying to connect to the DoorBird door station from several external devices simultaneously may result in some of the devices not being able to connect to the door station.

## HC2-KNX / HC2L-KNX configuration

1. Ensure you are using version 3.2 or later of the iddero-config software and HC2-KNX or HC2L-KNX firmware
2. Make sure you have selected the correct product in Project > System type
3. Go to the Video door phone section and select Video door phone type: Generic
4. Add a new door station
5. Configure the following parameters:
  - Video stream: HTTP / MJPEG
  - Path: /bha-api/video.cgi
  - Open doors via: HTTP
  - Extra button: Select the function of the secondary relay, or “None” if this is not used
  - Open door action path: /bha-api/open-door.cgi
  - Extra action path: /bha-api/light-on.cgi
  - IP address: Enter the IP address of the DoorBird
  - Username / password: Enter your DoorBird username and password



## DoorBird configuration

1. Open the SIP Settings in the DoorBird App (Administration > Login > SIP Settings)
2. In the "Call on ring" field, enter the following: user@<ip\_address\_of\_touchpanel>; for example: user@192.168.0.240
3. Touch "Save" to apply settings

No SIM 15:52

Back SIP Settings Save

SIP SETTINGS ⓘ

SIP activated

SIP Proxy 192.168.123.22

SIP User User

SIP Password Password

Call on ring user@192.168.0.92

DTMF

Relay 1 PIN 1234

Allow incoming calls

Allowed SIP Users 1 >

Noise cancellation

Microphone volume 50%

Speaker volume 50%

Live History Settings