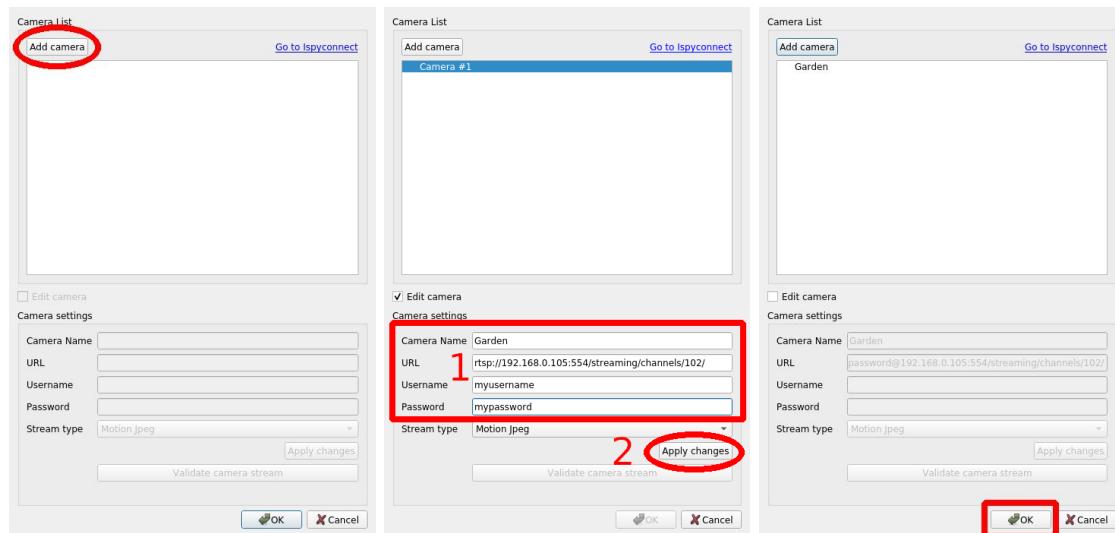# Configuring IP camera for DTSC04 and DTSC05.

Overview

DTSC04 and DTSC05 touchscreens allow to show video stream from an IP camera or an Internet webcam. This guide explain to to add these streams in your application and make them available on DTSC04 and DTSC05.

Specifications/Limitations

- **Only video streams** are supported.
- Audio stream from IP camera is muted.
- It is not possible to send audio stream from microphone of DTSC04/DTSC05 to IP camera as it requires specific integration depending of brand/model of IP camera. Check catalog or our website to have the list compatible doorstations/videophones.
- DTSC05 and DTSC04 have different specifications and limitations
  - DTSC05
    - Supported protocol : **RTSP** (preferred) and **HTTP(S)**.
    - Supported video format : **h.264** and **MJPEG** (some MJPEG streams may not be rendered properly).
    - Displayed resolution (max) : 500 px x 400 px
    - Maximum input resolution : Full HD streams are known to work but streams with higher resolution may work.
  - DTSC04
    - Supported protocol : **HTTP(S)** (some HTTPS streams may not work properly)
    - Supported video format : **JPEG** and **MJPEG**.
    - Displayed resolution : 320 px x 240 px
    - Maximum input resolution : 2044 px x 2044 px.
- Supported playlist format : none are supported (URL must point directly to the video stream itself)
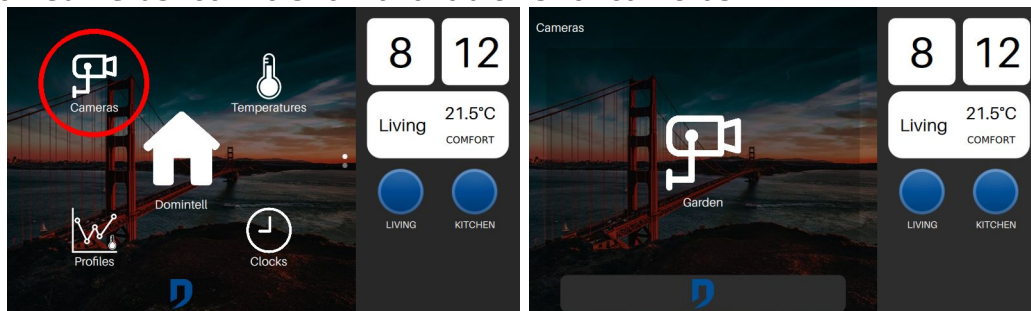
How to add a IP camera

- A DTSC05 or a DTSC04 must be present in application.
- Go to menu *Project->*IP camera control.
- Click on *Add camera.*
- Find the video stream of the camera. If not know, go to https://www.ispyconnect.com/cameras . **Important note** : The stream should be tested using VideoLan VLC software (https://www.videolan.org). If it can not be played by VLC software, it will not be displayed by DTSC04/05 either. Please note that if a stream can be played using VLC, it may not be played by DTSC04/05 (see specifications). **Domintell do not provide free support to find or add an IP camera to Domintell configuration**.
- Once URL of the stream is found, fill the URL of the stream.
- Fill the username and the password.
- Select the type of stream. This option does not matter for DTSC05. For DTSC04, if *image JPEG auto refresh* is selected, DTSC04 will automatically request a new JPEG image at periodic interval.
- Click on *Apply changes* then *OK*.
- To remove a camera, just do a right click on camera to remove and select *Delete camera*.
- Application must be sent to Master to show modification on DTSC05 !

How to play IP camera on DTSC05

- Go to home screen and scroll main page until *Cameras* icon is shown. If no IP camera is configured, *Camera* icon will not be shown.
- Push on *Cameras* icon to show available list of cameras.

- When a camera is selected, the popup is opened and buffering/loading starts. After some seconds, video stream starts playing. Image has been obfuscated for privacy reason.

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