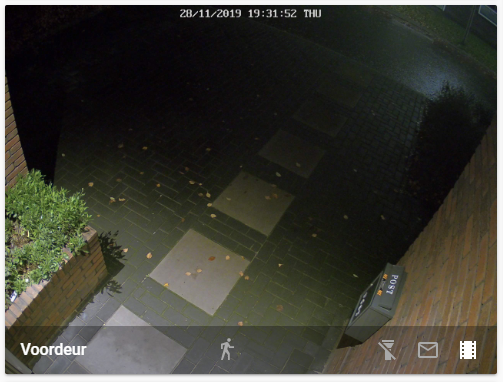
**[](https://reolink.com/)  
*Home Assistant Reolink addon***

[](https://github.com/fwestenberg/reolink/blob/master/Lovelace%20Card.PNG?raw=true)

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**Installation**

**Manual install**

# Download a copy of this repository

$ wget https://github.com/fwestenberg/reolink/archive/master.zip

# Unzip the archive

$ unzip master.zip

# Move the reolink\_dev directory into your custom\_components directory in your Home Assistant install

$ mv reolink-master/custom\_components/reolink\_dev <home-assistant-install-directory>/config/custom\_components/

**HACS install**

1. Click on HACS in the Home Assistant menu
2. Click on Integrations
3. Click the top right menu (the three dots)
4. Select Custom repositories
5. Paste the repository URL (https://github.com/fwestenberg/reolink) in the dialog box
6. Select category Integration
7. Click Add
8. Click Install on the Reolink IP camera box that has now appeared

**Configuration**

1. Add the following to your configuration.yaml:

camera:

- platform: reolink\_dev

host: IP\_ADDRESS

username: admin

password: YOUR\_PASSWORD

name: frontdoor (optional, default Reolink Camera)

stream: main or sub (optional, default main)

protocol: rtmp or rtsp (optional, default rtmp)

channel: NVR camera channel (optional, default 0)

scan\_interval: 5 (optional, default 30s)

binary\_sensor:

platform: template

sensors:

motion\_frontdoor:

friendly\_name: Camera frontdoor

device\_class: motion

entity\_id: camera.frontdoor

value\_template: "{{ is\_state('camera.frontdoor', 'motion') }}"

delay\_off:

seconds: 30

switch:

- platform: template

switches:

camera\_frontdoor\_email:

value\_template: "{{ is\_state\_attr('camera.frontdoor', 'email\_enabled', true) }}"

turn\_on:

service: camera.enable\_email

data:

entity\_id: camera.frontdoor

turn\_off:

service: camera.disable\_email

data:

entity\_id: camera.frontdoor

icon\_template: >-

{% if is\_state\_attr('camera.frontdoor', 'email\_enabled', true) %}

mdi:email

{% else %}

mdi:email-outline

{% endif %}

camera\_frontdoor\_ftp:

value\_template: "{{ is\_state\_attr('camera.frontdoor', 'ftp\_enabled', true) }}"

turn\_on:

service: camera.enable\_ftp

data:

entity\_id: camera.frontdoor

turn\_off:

service: camera.disable\_ftp

data:

entity\_id: camera.frontdoor

icon\_template: >-

{% if is\_state\_attr('camera.frontdoor', 'ftp\_enabled', true) %}

mdi:filmstrip

{% else %}

mdi:filmstrip-off

{% endif %}

camera\_frontdoor\_ir\_lights:

value\_template: "{{ is\_state\_attr('camera.frontdoor', 'ir\_lights\_enabled', true) }}"

turn\_on:

service: camera.enable\_ir\_lights

data:

entity\_id: camera.frontdoor

turn\_off:

service: camera.disable\_ir\_lights

data:

entity\_id: camera.frontdoor

icon\_template: >-

{% if is\_state\_attr('camera.frontdoor', 'ir\_lights\_enabled', true) %}

mdi:flashlight

{% else %}

mdi:flashlight-off

{% endif %}

camera\_frontdoor\_motion\_detection:

value\_template: "{{ is\_state\_attr('camera.frontdoor', 'motion\_detection\_enabled', true) }}"

turn\_on:

service: camera.enable\_motion\_detection

data:

entity\_id: camera.frontdoor

turn\_off:

service: camera.disable\_motion\_detection

data:

entity\_id: camera.frontdoor

icon\_template: >-

{% if is\_state\_attr('camera.frontdoor', 'motion\_detection\_enabled', true) %}

mdi:motion-sensor

{% else %}

mdi:motion-sensor-off

{% endif %}

1. Restart Home Assistant.

**Usage**

In your Home Assistant Lovelace, add a new card with the following:

type: picture-glance

title: frontdoor

camera\_image: camera.frontdoor

entities:

- switch.camera\_frontdoor\_ir\_lights

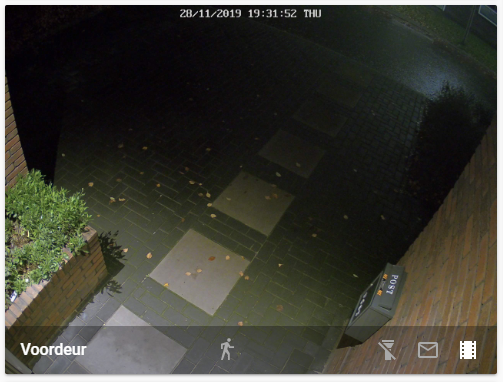
- switch.camera\_frontdoor\_email

- switch.camera\_frontdoor\_ftp

- switch.camera\_frontdoor\_motion\_detection

- binary\_sensor.motion\_frontdoor

Now you will have a card the looks like this (notice the buttons and motion icon):

[](https://github.com/fwestenberg/reolink/blob/master/Lovelace%20Card.PNG?raw=true)

**Unsupported models**

* B800
* B400
* D400
* E1
* E1 Pro
* Battery-powered camera's

**Troubleshooting**

* If the buttons are not working on the Lovelace card, make sure that the user that you configured in the Reolink camera is an **administrator**.