

Security & Cameras — Eufy, Reolink, Frigate

Overview

The home has a comprehensive security camera system combining **Eufy Security** (indoor/outdoor cameras + doorbells) and **Reolink** (PoE floodlight cameras), processed locally by **Frigate NVR** (add-on v0.17.1). All cameras stream via go2rtc (built-in) and WebRTC.

Camera Inventory

Camera	Manufacturer	Model	Integration	Area
Living Room	Eufy Security	T8416	eufy_security	Basement*
Basement	Eufy Security	T8410	eufy_security	Basement*
Backyard	Eufy Security	T8424	eufy_security	Backyard
Garage	Eufy Security	T8441	eufy_security	Garage
Front Door	Eufy Security	T8530	eufy_security	(unassigned)
Back door doorbell	Eufy Security	T8214	eufy_security	(unassigned)
Front Doorbell Chime	Eufy Security	T8021	eufy_security	(unassigned)
Driveway	Reolink	Elite Pro Floodlight PoE	reolink	Garage
Front Yard	Reolink	E1 Outdoor SE PoE	reolink	Front Yard

*Living Room (T8416) and Basement (T8410) cameras are physically in those rooms but associated with the Eufy HomeBase in the Basement.

Eufy Security

Integration: `eufy_security` (HACS) | **Host:** 127.0.0.1 | **Add-on:** `eufy-security-ws` v3.0.1

The Eufy integration connects via the local WebSocket server (`eufy-security-ws` add-on), providing camera streams and sensor data without relying on cloud.

Infrastructure

Device	Model	Firmware
Eufy HomeBase	T8030	3.8.3.4
Eufy Passport	T87B2	1.5.6

“ The HomeBase is the central hub for all Eufy cameras. It must be running for any Eufy entity to be available.

Per-Camera Features

Each Eufy camera exposes:

- `camera.*` — live stream
- `image.*.event_image` — last motion event snapshot
- `alarm_control_panel.*` — arm/disarm (all currently `armed_home`)
- Motion detection switches (Human, Pet, Vehicle, etc.)
- Notification switches (Person, Pet, Crying, Sound)
- RTSP stream switch
- Microphone / Speaker switches (where applicable)
- Audio Recording switch

Doorbells

Device	Model	Notes
Front Door	T8530	Video doorbell; Front Yard area
Back door doorbell	T8214	Video doorbell; Back door
Front Doorbell Chime	T8021	Wireless chime; <code>alarm_control_panel.front_doorbell_chime</code>

Reolink

Integration: `reolink` (native HA) | **Source:** DHCP discovery

Driveway Camera

- **Model:** Elite Pro Floodlight PoE
- **Firmware:** v3.2.0.5932_2601201959
- **Area:** Garage
- **Entities:** Driveway Fluent (RTSP), Driveway Floodlight, Driveway Siren, Driveway Volume, Vehicle/Person/Pet binary sensors, Infrared mode, AI Detection type selector, Motion sensitivity number

Front Yard Camera

- **Model:** E1 Outdoor SE PoE
- **Firmware:** v3.1.0.5223_2510172104
- **Area:** Front Yard
- **Entities:** Front Yard Camera, Floodlight, Siren, Auto tracking, Guard return, AI detection, Motion sensitivity, FTP/Email/Push notification switches

Frigate NVR

Add-on: `ccab4aaf_frigate` v0.17.1 | **State:** started

Frigate provides local real-time object detection for IP cameras using hardware-accelerated inference. It integrates with HA via the MQTT integration and the `frigate` integration (HACS).

“Frigate configuration (cameras, detectors, zones, objects) is managed in the Frigate add-on config file, not in HA directly.

go2rtc & WebRTC

go2rtc is a built-in HA integration (system) that provides camera stream proxying, RTSP-to-WebRTC conversion, and low-latency viewing in the HA frontend.

WebRTC Camera (HACS, AlexxIT) provides enhanced WebRTC card support for dashboards.

Notes / Gotchas

- All Eufy cameras depend on the HomeBase. Power-cycle or network loss of the HomeBase will take all Eufy entities offline simultaneously.
- Front Door (T8530) and Back Door Doorbell (T8214) have no area assignment — these should be added to appropriate areas for better dashboard organization.
- Reolink cameras are discovered via DHCP — ensure they have static IP reservations in the router to prevent config entry issues after reboots.
- The Eufy integration uses a local WebSocket bridge (eufy-security-ws) — avoid using the Eufy cloud app to log out or change account settings, as this can invalidate the local bridge credentials.

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