# Security & Life Safety Device Guide

## Motion Detectors

### Where should motion detectors be installed?

Motion detectors provide **secondary protection** by detecting movement inside the home or business. They are typically installed in:

- Main hallways
- Living rooms
- Common areas
- Large open spaces
- Areas with valuable equipment or property

Motion detectors help protect areas that may not be covered by door or window sensors.

---

## Door & Window Sensors

### How many door and window sensors do I need?

We recommend installing sensors on:

- All exterior doors
- All accessible windows that can be opened

This provides perimeter protection and alerts you immediately when an entry point is opened.

---

## Recessed Door Sensors

### When should I use a recessed door sensor?

Recessed sensors are installed inside the door and frame, making them virtually invisible when the door is closed.

**Benefits:**

- Cleaner appearance
- Hidden from view
- Ideal for high-end finishes or aesthetics

**Note:** These sensors require drilling into the door and frame. Professional installation is recommended.

---

# Glass Break Detectors

## Where and when should glass break detectors be installed?

Glass break detectors provide **secondary protection** by detecting the sound frequency of breaking glass.

They are ideal for:

- Large windows
- Fixed (non-opening) windows
- Casement/crank windows
- Rooms with multiple windows
- Homes with large pets where motion detectors may not be practical

A single glass break detector can often protect multiple windows within the same room.

---

# Monitored Smoke Detectors

## How many smoke detectors do I need?

**If you do not have existing smoke detectors:**

- Install one inside each sleeping area/bedroom
- Install one outside sleeping areas in hallways
- Follow all local fire and building code requirements

**If you already have existing non-monitored smoke detectors:**

- Consider adding monitored smoke detectors in common areas and hallways outside sleeping areas to provide alarm monitoring and emergency dispatch notification.

---

# Flood & Freeze Detectors

## Flood Sensors

Flood sensors help prevent costly water damage by alerting you when water is detected.

Recommended locations:

- Water heater pans
- HVAC/AC drain pans
- Near washing machines
- Near dishwashers
- Behind refrigerators with water lines

- Under sinks
- Basement areas prone to water intrusion

### Freeze Sensors

Freeze sensors alert you when temperatures drop to potentially damaging levels.

Recommended locations:

- Mechanical rooms
- Basements
- Attics
- Garages
- Vacation homes
- Pump houses
- Server rooms
- Any area where freezing temperatures could cause pipe damage or equipment failure