

## FIRE DETECTION SYSTEM

- Smoke Detectors: These devices detect smoke particles in the air, typically using either ionization or photoelectric technology.
- Heat Detectors: Heat detectors are triggered when the temperature in a room rises above a certain threshold, indicating the presence of fire.
- Carbon Monoxide (CO) Detectors: CO detectors monitor levels of carbon monoxide, a deadly gas produced by incomplete combustion of fuels such as gas, oil, and wood.
- Flame Detectors: These detectors sense the presence of flames by detecting certain wavelengths of light emitted by fires.
- Gas Detectors: Gas detectors can detect the presence of flammable or combustible gases such as natural gas or propane, which can indicate a potential fire hazard.

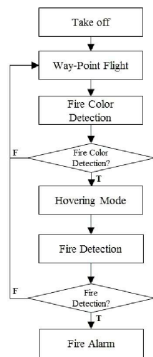


그림 3. 화재 감시 시스템 흐름도.