

第十七屆育秀盃創意獎 智慧預警滅火機器人系統

Intelligent early warning fire extinguishing robot system

功能

Functionality

火警
偵測

快速偵測起火點、發出警報

Fire detection: Quickly detect fire points and alert

訊息
通報

119、用戶、家人、主管

Message notification: 119, users, family, supervisors

初期
滅火

避開障礙物、及時滅火

Early extinguishing: Avoid obstacles and extinguish fires in time

協助
救災

火點資訊提供、災後調查

Assist in disaster relief: Fire point information supply, post-disaster investigation



特點

Features

消防滅火、保全、居家照顧

Fire fighting, security, home care

定時巡邏、火點產生立刻趨近

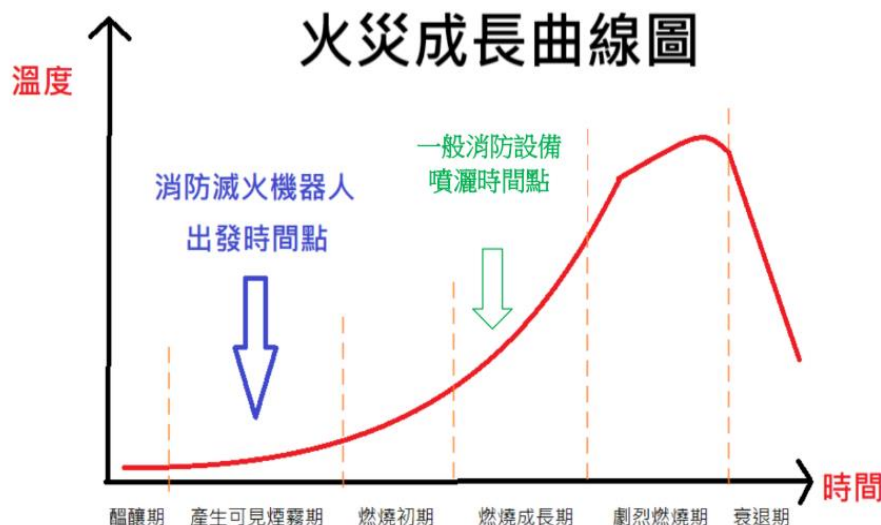
Regular patrol, fire point approach immediately

偵測、避障、滅火全自動進行

Automatic detection, obstacle avoidance and fire extinguishing

火災成長曲線圖

Fire growth graph



智慧預警滅火機器人系統運作

Smart early warning fire extinguishing robot system is used as



感應偵測
detection



通知
Message
notification



導航滅火
Navigation
Fire suppression



避障
Avoidance



滅火
Extinguishing

SA175552-智慧預警滅火機器人系統