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### Main Features 特點

- Standalone Device, No Need Wiring for Power and Signal
- NB Protocol, Same Coverage as 4G Network
- Smoke & Heat Detection Comply with International Standards (EN14604)
- Customized IoT Cloud Platform for Site Safety Monitoring



**Prevent  
Potential  
Fire Hazards**

Item	Traditional	IoT FIRE ALARM SYSTEM
Installation	Complicated	Simple <b>Plug-and-Play</b>
Connection	Wired Cabling	<b>Wireless</b> (NB-IoT Network)
Operated Power	AC Powered	<b>Battery</b> Operated; Low Power Consumption
Web-based Monitoring	N/A	Web-based Management <b>Online Platform</b> ; API Available for Integration
Alert Notification	Central Console	WhatsApp / SMS / Email / Automatic Dialer (pre-record voice message)

### Working Principle 運作原理



### Specifications 規格

IoT Protocol	NB-IoT
Dimension	102mm x 42.5mm
Mounting	Wall Mount / Ceiling Mount
Working Voltage	DC 3.0V
Battery Type	CR17505 (3V)
Battery Life	3 Years
Working Environment	Temperature : $-10^{\circ}\text{C} \sim 65^{\circ}\text{C}$ Humidity : $\leq 95\%$
IP Rating	IP31
Alarm Method	Sound ( $\geq 85\text{dB}$ for 3m) & Light

### Cloud Server 雲端輸出

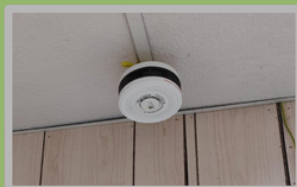
(URL : [iot.rec-gt.com](http://iot.rec-gt.com))

Data Output :-

- Smoke Alarm
- Heat Alarm
- Low Battery Alarm
- Report Battery Capacity Level

### Job Reference 案例參考

#### Queen Elizabeth Hospital



#### Kowloon Hospital

