

AlarmCalm

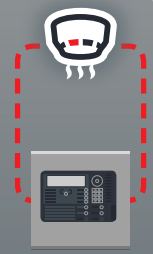
Complete False Alarm Management

Alarm Verification & Investigation Delays. How Do They Differ?

Alarm Verification

Used to:

Automatically check if an activated device is genuinely in alarm **before** a fire condition is displayed on the panel.



Ideal for scenarios:

Where Responsible Person is not always in attendance.



Benefits:

- ✓ System works 'independently' and can verify the alarm without human input.
- ✓ Flexible – many timing options and scenarios can be easily accommodated.
- ✓ Reduces false alarms.



All verification delays take place **BEFORE** the signal is latched on the panel

Investigation Delays

Used to:

Physically check if an activated device is genuinely in alarm, **after** a fire condition is displayed on the panel.



Ideal for scenarios:

Where Responsible Person is usually in attendance.



Benefits:

- ✓ Human input brings certainty in identifying the cause of the alarm.
- ✓ Flexible – can be turned on/off depending whether Responsible Person is present.
- ✓ Reduces false alarms.



All investigation delays take place **AFTER** the signal is latched on the panel

Signal latched on panel

Panel Indication



SYSTEM NORMAL
No indication on panel in **Type A** dependency.

OR

VERIFYING
displays on panel in **Type B** dependency.



FIRE automatically displays on panel. Signal is 'latched' until reset by a **Responsible Person**.

N.B. Investigation delays require input from Responsible Person.

5 Main Verification Options:

- 1** Verification Delay
- 2** Sensitivity Mode Change
- 3** Verification by 2nd Device
- 4** Extended Verification Delay by Activating AlarmCalm Button
- 5** Maximum Areas in Verification Exceeded

5 Main Investigation Options:

- 1** Delayed by Individual Device or Device Type
- 2** Two-Stage Countdown Timer Displayed on the Panel
- 3** Operation Dependent on Time of Day/Day of Week or by Key Switch Control
- 4** Extended Verification Delay by Activating Button or by Pressing '0' Button on Panel or by Designated Switch
- 5** Cancel Delay on Coincidence (Double Knock) or if Maximum Investigation Areas is Exceeded

Outcome Options

- VERIFYING** Local occupants alerted to possible real/false alarm.
 - OR
 - FIRE** System goes into full fire alarm mode.
 - OR
 - SYSTEM NORMAL** System returns to normal, depending on whether signal persisted or cleared during verification time.
- N.B. Verification lets system work independently.*

- FIRE** Fire is confirmed by Responsible Person or pre-programmed set of signals:
System goes into full fire alarm mode after countdown timer has elapsed.
- OR
- SYSTEM NORMAL** System returns to normal, if:
 - Signal clears and Responsible Person resets the panel.

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