

AlarmCalm

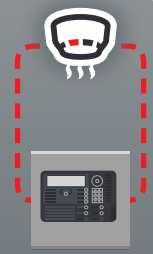
Complete False Alarm Management

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



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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