

## Wireless Heat Detector - obsolete

The Axis Wireless Heat Detector has been designed to fully meet the requirements of European Standard EN54-5. The detector has the same low profile mechanical design as that of the hard wired 20-V350-ADV device.

Each device is powered using low cost lithium batteries. Both primary and secondary batteries are continuously monitored for low battery condition which is indicated by an internal LED as well as a fault condition being displayed at the translator module and the fire control panel.

Each detector will automatically adjust its frequency and manage its power radiation in accordance with the signal quality received from the Axis wireless translator module.

Bi-directional communications with the wireless translator is based on a proven protocol and wireless technology and is fast, reliable and provides the highest level of security.

The wireless communications operates on the European recommended frequency of 868 MHz and conforms to the European Standard EN54-25.

### Features

- Bi-directional communication protocol between all wireless devices
- Rapid, cost effective installation with minimal disturbance
- Fully Intelligent devices
- Up to 32 wireless devices allowed with each translator
- Fully Monitored Primary and Secondary Power Source

### Standards and Approvals

EN54-5:2000 +A1:2002

EN54-25:2008

Approved by BRE/LPCB and certified by the UAE Civil Defence

### Specification

|                                                               |                             |
|---------------------------------------------------------------|-----------------------------|
| Communication range with the 20-VW2W100-ADV or 20-SGWE100-ADV | Up to 200 m (in open space) |
|---------------------------------------------------------------|-----------------------------|

|                     |                         |
|---------------------|-------------------------|
| Operating frequency | 868.15 MHz - 869.85 MHz |
|---------------------|-------------------------|

|                 |     |
|-----------------|-----|
| Modulation type | FSK |
|-----------------|-----|

|                              |   |
|------------------------------|---|
| Operating frequency channels | 7 |
|------------------------------|---|

|                |                      |
|----------------|----------------------|
| Radiated power | 5 dBm (3 mW) typical |
|----------------|----------------------|

|                             |                |
|-----------------------------|----------------|
| Transmission message period | 60 sec default |
|-----------------------------|----------------|

|              |                               |
|--------------|-------------------------------|
| Main battery | Type CR123A 6.5 years typical |
|--------------|-------------------------------|

|                   |                               |
|-------------------|-------------------------------|
| Secondary battery | Type CR2032A 2 months typical |
|-------------------|-------------------------------|

|            |                |
|------------|----------------|
| Dimensions | 110 mm x 54 mm |
|------------|----------------|

|                             |                                                                     |
|-----------------------------|---------------------------------------------------------------------|
| Weight                      | 150 g Without Batteries                                             |
| Operating temperature range | From -30 °C to +55 °C. From -10 °C to +55 °C with secondary battery |
| IP Rating                   | 42 with WP100 silicon protection, 40 without                        |

Order Codes and Options

|               |                        |
|---------------|------------------------|
| 20-SG350-ADV: | Wireless Heat Detector |
|---------------|------------------------|

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