

# SHKC8M / SHK8M



## Wireless Piezo Shock Sensor

Most sensors will only trigger an alarm once an intrusion has taken place. Even though they act as a deterrent to the intruder, they do not necessarily prevent the damage caused by a break-in attempt and the costs and inconvenience associated with this.

The NEW SHKC8M & SHK8M wireless piezo shock sensors from Honeywell are advanced warning devices designed to protect window and door surroundings against forced entry. They are the ideal solution for deterring intruders, as they will detect the intrusion before it happens. This allows the installer to provide a much stronger offering to their customers as this solution saves the end user significant time, money and inconvenience caused by a break-in. A high end monitored solution is possible with preventive surveillance.

The SHKC8M & SHK8M sensors detect shock waves with the use of Honeywell VIPER® piezo Technology, which is alerted to vibrations through the piezo sensor. It is more resistant to mechanical aging and oxidation compared to inertia technology, making it more robust and therefore more reliable. Its high precision sensing capability combined with advanced signal processing provides outstanding false alarm immunity, reducing service calls and associated costs.

In addition the SHKC8M cuts installation time and cost when using the combined shock and contact option as it removes the need for an additional door contact, saving the end user money whilst saving the installer time as only one sensor needs to be fitted.

Furthermore the SHKC8M & SHK8M are easy to maintain with a low battery signal and offer advanced sensitivity settings to allow them to be adapted to suit to any installation. They deliver significant time and cost savings. For end users a wireless option increases flexibility and limits disruptions. For the installer using wireless sensors means that installation wiring skills for sensors are not an issue making it quick and easy to install.

Now you can expand your business opportunities as the SHKC8M & SHK8M wireless technology is part of a powerful commercial solution, offering both time and cost savings. It is suitable for a wide range of installations, including residential environments where security and practicality are real assets for the end-user.




**For more information on why Honeywell's wireless solutions are the right choice for you, please visit:**  
[www.honeywell.com/security/uk/wireless](http://www.honeywell.com/security/uk/wireless)

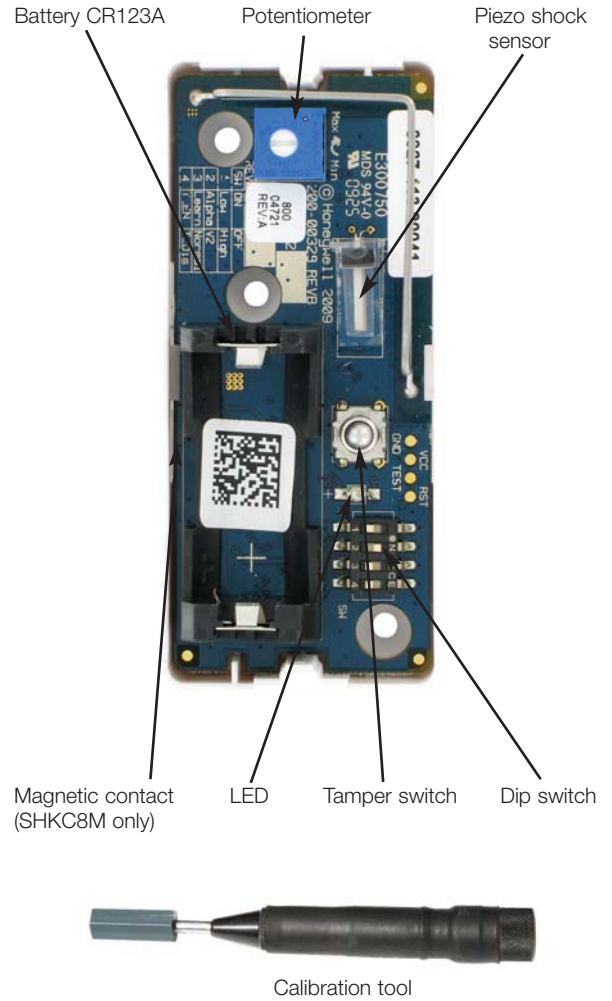
## Features:

- **State of the art piezo sensing technology:** Broadly recognised on the VIPER® product line, this superior functionality minimises the risk of false alarms, reducing service calls.
- **Secure:** Two tamper switches to detect opening and wrench off from its mounting surface.
- **Reliability and practicality:** With patented 'Agile Routing' technology, the system works with RF portals to reinforce the reliability of the security system. The sensor will automatically find the strongest bi-directional signal path and continue to communicate until it gets an acknowledgment. Moreover the long battery life is up to 5 years (no mechanical aging).
- **Easy to install:** The SHK8M sensitivity can be adjusted for any type of installations or applications thanks to its multiple control settings. There are no restrictions in the mounting direction as opposed to inertia sensors.
- **Reduces cost and installation time:** The wireless SHKC8M removes the need for an extra door contact and associated cabling costs.
- **Easy calibration:** Viper calibration tool available to ensure optimum configuration of the device during installation.
- **Aesthetics:** Available in white (SHKC8M/SHK8M) and brown (SHKC8M2) in order to complement most interiors.
- **Compatible with commercial and residential Honeywell panels:** Thanks to the dual protocols ALPHA and V2GY, the wireless shock sensor is compatible with the NEW Galaxy Dimension, the updated G2, Domonial and Vista panels.

# SHK8M / SHK8M

## Wireless Piezo Shock Sensor

| Specifications        |                            | SHK8M  | SHKC8M  | SHKC8M2   |
|-----------------------|----------------------------|--|---|---|
| Colour                | White or Brown             |   |  |  |
| Magnetic door contact |                            | no   | yes   | yes   |
| Detection             | Range                      | Radius of 2.5 m (depending on the type of mounting surface)                        |   |   |
|                       | Sensitivity settings       | By potentiometer and DIP Switch  |   |   |
|                       | Operating gap              | 10mm max (SHKC8M & SHKC8M2 only)   |   |   |
| Power                 | Battery                    | CR123A Lithium 3V (supplied)   |   |   |
|                       | Battery life               | ALPHA : 5 years<br>V2GY : 4 years  |   |   |
| Radio                 | Frequency                  | 868 MHz narrow band  |   |   |
|                       | Protocols                  | Alpha or V2GY (selection by dip-switch)  |   |   |
|                       | Radio Range                | 2000m open field   |   |   |
|                       | Supervision time           | V2GY mode : each 9 minutes<br>ALPHA mode : each 18 minutes                         |   |   |
| Compatibility         | Galaxy                     | G2 <sup>(1)</sup> or Galaxy Dimension <sup>(2)</sup> with C079-2 wireless receiver |   |   |
|                       | Domonial                   | Domonial <sup>(3)</sup>  |   |   |
|                       | Vista                      | Vista with 5882EUHS wireless receiver  |   |   |
| Mechanics             | Tamper                     | Front cover and wall mounting  |   |   |
|                       | Dimensions (h x w x d)     | 88.9 x 40.6 x 30 mm  |   |   |
|                       | Weight (without batteries) | 70g  |   |   |
|                       | Operating temperature      | -10°C to 55°C  |   |   |
|                       | Storage temperature        | -20°C to 55°C  |   |   |
|                       | Relative humidity          | 0 to 95%   |   |   |
|                       | Approvals                  | CE; EN50131-2-6, Security Grade 2, EN50131-1, Environmental Class II               |   |   |



### Ordering references:

|                    |  |
|--------------------|--|
| <b>SHK8M</b>       | Wireless shock sensor (white)                            |
| <b>SHKC8M</b>      | Wireless shock sensor with magnetic door contact (white) |
| <b>SHKC8M2</b>     | Wireless shock sensor with magnetic door contact (brown) |
| <b>PC.06138.00</b> | Calibration tool   |
| <b>LI03V</b>       | Replacement battery                                      |

Honeywell reserves the right to alter the specification of products without notice

#### Notes :

- (1) valid for G2 panel firmware from version V1.5 onwards.
- (2) valid for Galaxy Dimension panel firmware from version V6.5 onwards.
- (3) valid for Domonial panel firmware from version lxx onwards.

#### Find out more:

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