

SH-MAG2 and SH-MAG & SHOCK

Wireless Door/Window Magnet Shock Contact Devices

These devices provide perimeter protection for premises with early warning upon attempted intrusion.

SH-MAG & SHOCK device analyzes shocks while ignoring background vibrations.

They can be configured Over-The-Air and feature a 5 year battery life.



	SH-MAG2	SH-MAG & SHOCK
Detection Method	Internal reed switch or External magnet device	Magnetic contact and Shock
Communication Protocol	Freewave2™ Two Way Protocol	Freewave2™ two-way ISM GFSK with 5 frequencies & LBT
Operating Frequencies	868-869MHz / 916-917MHz	868MHz or 916MHz
Identification	Unique ID serial number – 24 bit	Unique ID serial number – 24 bit
Events Transmission	Alarm, Tamper, Supervision, Low Battery	Alarm, Tamper, Supervision, Low Bat, Keep Alive.
Supervision Time	7 min by default (programmable between 1 to 30 min)	7 min by default (configurable between 1 to 30 min)
Transmission Current	~10dBm	55mA
Battery	2 Lithium batteries AAA 1.5V Type L92	1 Lithium batteries CR123
Battery Life	Up to 5 years	Up to 5 Years
Current Consumption	Standby: ~3μA, Receive: ~29mA, Transmit: ~38mA	Average: 9uA
Tamper Switches	Front cover removal & Back tamper	Front Cover and Wall
Operating Temperature	-10°C to +55°C	-10°C to +55°C
Dimensions / Weight	97 mm x 22 mm x 21 mm / 40 gr.	98mm x 21mm x 22mm / 50gr.
Compliance	EN50131 Security Grade 2 Class II	EN50131 Security Grade 2 Class II