

# SAGITTARIUS

## SGWE Expander Module

### FEATURES & BENEFITS



### SPECIFICATIONS

The wireless expander allows to increments the diameter of the protected area.

oa powerful micro-cell structure to be created with up to 7 expanders in one cell providing a total distance of up to 6000M.

Frequency hopping algorithm

High noise immunity

Capability to build a full addressable fire alarm wireless system

Up to 32 devices can be used with each expander.

The expander can be programmed through a PC.

- Bi-directional communication (transceiver)
- 868 MHz band (conforms to e.t.s.i. EN 300-220-1)
- FSK modulation
- Multi-channel (up to 7 channels)
- Automatic management of power transmission
- Double orthogonal antennas to guarantee reliable and secure communication
- Immediate transmission signals from field device: alarm, fault and tamper
- Externally Powered
- Flexible on site device adjustment

### Technical Specifications

Communication range with the Sagittarius devices (Open space)	600m
Communication range with VW2W100 translator	1000m
Operating frequency	868-870 MHz
Modulation type	FSK
Operating frequency chan-	7
Power Supply	24V <sub>dc</sub>
Current	I <sub>max</sub> =25 mA
Operating temperature	-30°C - +55°C