

PRODUCT DATASHEET

SGMI200

WIRELESS SINGLE CHANNEL INPUT MODULE

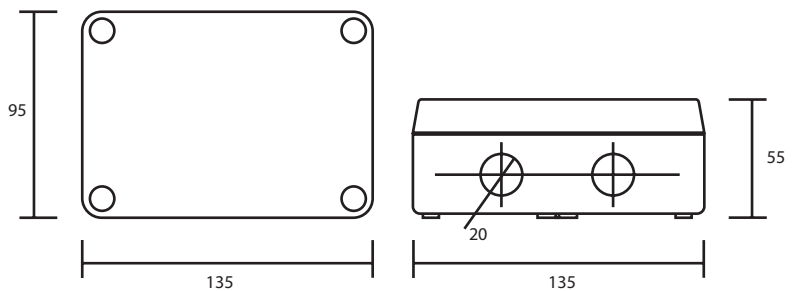
The Argus SGMI200 wireless module has been designed to provide a convenient and cost effective solution for monitoring third party equipment. The unit has a single fully monitored input circuit which allows simple integration of third party equipment with the fire system. The unit is fully compatible with all Argus Translator and Expander modules and the well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability.



KEY FEATURES

- 3rd party approval to EN54-25 & EN54-18
- 3 year product warranty
- 3 year battery life
- Self optimising wireless frequency and amplitude algorithms
- Bi Directional wireless communication
- Fully intelligent
- Input circuits are fully monitored for fire and fault conditions

TECHNICAL INFORMATION



TECHNICAL SPECIFICATION

- Operating frequency range 868.15 MHz - 869.85 MHz
- Max radiated power 5 dBm (3 mW)
- Radio signal modulation type FSK
- Operating frequency channels 7
- Communication range with the translator or the expander ≤ 150 m (in open space)
- Max tolerated humidity 95% RH
- Cable entry knockout holes 6 x M16/20
- Applicable wire gauge range 0.5 mm² to 2.5 mm²
- Weight (without batteries) 190 g
- Primary power cell CR123A (3 V & 1.2 Ah)
- Secondary power cell CR2032 (3 V & 0.24 Ah)
- Primary power cell lifespan 5 years
- Secondary power cell lifespan 2 months
- Operating temperature range -30 °C - +55 °C

STANDARDS & APPROVALS

- BS EN 54-18 Input / Output Devices
- BS EN 54-25 Components using radio links and system requirements

