ARGUS SECURITY

Intelligent Fire Solutions

PRODUCT DATASHEET

VW2W100
WIRELESS TRANSLATOR MODULE (STATIC)

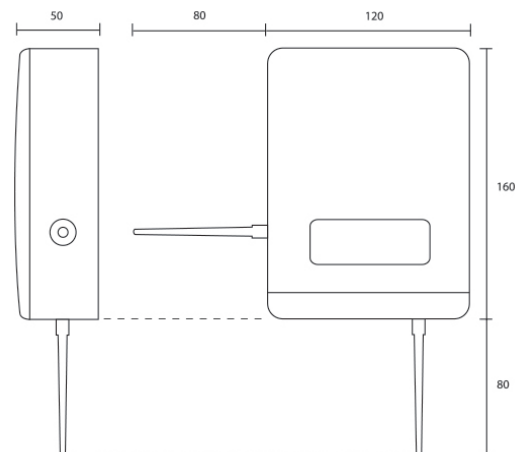TheVW2W100 Translator Module is the core of the Argus fully intelligent hybid fire detecion and alarm system. When connected to a compatiable loop the unit is capable of controlling up to 32 fully intelligent wireless devices. Using well proven wireless technologies and a patented orthogonal antenna design the module allows the seamless use of wireless field devices alongside standard hard wired devices.

KEY FEATURES

- Loop Powered
- Self optimising wireless amplitude and frequency
- Fully intelligent
- 3rd Party Approval to EN54-25
- Multiple Protocol Support
- Bi-directional wireless communication
- Automatic wireless channel hopping
- 3 year product warranty
- IP65 protection for mounting in a challenging environment conditions

TECHNICAL INFORMATION

TECHNICAL SPECIFICATION

Operating frequency range	868.15 – 869.85 MHz
Max radiated power	5dBm (3mW)
Radio signal's modulation type	FSK
Operating frequency channels	7
Communication range with the Translator or Expander Module	≤ 150 m (in open space)
IP rating	42
Dimensions	85 mm x 85 mm
Weight (without batteries)	134g
Primary power cell	CR123A (3 V & 1.2 Ah)
Secondary power cell	CR2032A (3 V & 0.24 Ah)
Primary power cell lifespan	3 years
Secondary power cell lifespan	2 months
Operating Temperature	-30C to +55°C
Max tolerated humidity (no condensing)	95% RH

STANDARDS & APPROVALS

- BS EN 54-17:2005 Short Circuit Isolators
- BS EN 54-18 Input/Output Devices
- BS EN 54-25 Components using radio links and system requirements

CE 0832

LPCB 928n/01