DATASHEET

ARGUS SECURITY
intelligent fire solutions

Orama group

WIRELESS TRANSLATOR MODULE

VW2W100

The VW2W100 Translator Module is one of the core components of the Argus intelligent hybrid fire detection and alarm system.

When connected on to a compatible loop, the unit is capable of linking up to 32 fully intelligent wireless field devices with the fire alarm system. The translator allows fully intelligent and seamless integration of the wireless devices alongside standard wired devices or can be used independently to form completely wireless systems.

Using well-proven wireless technology and a patented orthogonal antenna design ensures the highest levels of life safety and system reliability.
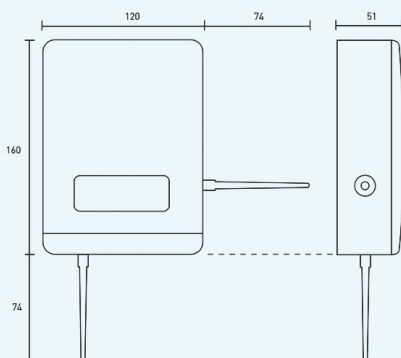
KEY FEATURES

- Loop Powered
- Proven Wireless Technology
- 3rd party approval to EN 54-17, EN 54-18 and EN 54-25
- Bi-directional wireless communication
- 5 year product warranty
- IP protection for challenging environments
- Compatible with up to 7 expander modules
- Low current consumption
- Supports full device intelligence
- Site programmable

TECHNICAL SPECIFICATION

Loop power supply range	18Vdc – 40Vdc
Operating frequency range	868 – 870 MHz
Max radiated power	5dBm (3mW)
Operating frequency channels	7
Communication range with the Expander Module	≤ 250m (in open space)
Communication range with wireless field devices	≤ 150m (in open space)
IP rating	65
Dimensions (without antennae)	120 mm x 160 mm x 51 mm
Weight	300g
Operating Temperature	–10°C to +50°C
Max humidity (non condensing)	95% RH
Typical current consumption	20mA @ 24V dc

TECHNICAL INFORMATION

STANDARDS & APPROVALS

- EN 54-17: Short-circuit isolators
- EN 54-18: Input/output devices
- EN 54-25: Components using radio links

CE UKCA bre LPCB

Orama group

A **Halma** company