

Ei1000G - SmartLINK Gateway

**Mains Powered 230V~
Rechargeable Battery Back-up**

Key Features

- Enables remote management of RF Alarms
- Receives RF specific data from RF devices
- Transmits data over cellular network
- Not mobile network provider dependent
- Bidirectional data encryption
- Unique House Coding feature
- Easy setup and configuration

Product Description

The SmartLINK Gateway is designed for use with the Ei Electronics RF devices. It provides a mechanism to transfer information from the RF network to a portal over the cellular network.

It is mains powered with a rechargeable battery backup that can provide up to 72hrs of power supply in case of mains failure.

To ensure the safety of the data, it is encrypted in both directions during transmission using AES128 encryption.

The information sent varies depending on the RF device. For examples, Alarms will report events such as button test, mains absent, head removed, fire alarm, CO alarm, while other devices will report levels of CO2, Radon, ambient temperature, emergency call.

All data sent is accessible from a web portal where alerts can be set up to be delivered by email or SMS. Reports can also be run from the web portal to facilitate the management of the devices fitted.

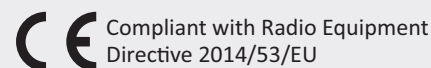
The data on the portal is securely stored and is only available to the associated client.

In addition, for ease of installation, the SmartLINK mobile application provides a step by step guide for the installation of the Gateway and the Ei Electronics RF devices.



Technical Specification

Supply Voltage:	230V AC, 50Hz
Battery back-up:	Rechargeable battery
Power consumption:	40mA
RF frequency:	RadioLINK: 868.499MHz (1% duty cycle) RadioLINK Connect: 868.2MHz (1% duty cycle)
RF Power:	≤ 14 dBm
RF Range:	> 100 Metres in free air ¹
RF Protocol type:	Mesh/Star architecture depending on device
RF Protocol:	RadioLINK Connect with RadioLINK fallback
RF System size ²:	In RadioLINK systems: Up to 12 RF devices In RadioLINK Connect systems: Up to 32 RF devices via cellular network (Roaming SIM card supplied)
Data upload:	
Modem:	4G
Data storage:	Cloud based
Indicators:	Green LED - Power Purple/Blue LED - House code mode Yellow LED - Cellular communication
Normal Operating and Storage Temperature Range:	-10°C to 40°C ³
Normal Operating and Storage Humidity Range	15 % to 95 % Relative Humidity ³ (non-condensing)
Dimensions:	Product - 150mm x 145mm x 55mm
Weight:	550g.
Warranty:	5 years
Approvals:	KM 735628, Internet of Things (IoT)



Manufactured to ISO 9001 quality standards
Specifications are subject to change

1. Obstructions of any sort will result in a reduction in range from the free space specification. The range may vary depending on installation.
2. Please contact us for further advice if additional RF devices are required.
3. Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.

