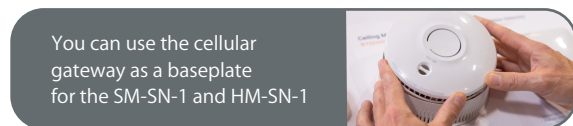# FireAngel®

FS2550W2ZB-T HOME ENVIRONMENT GATEWAY

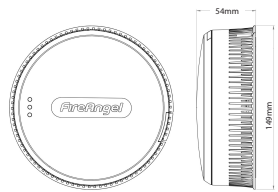| Gateway Benefits	• Inbuilt temperature and humidity sensors for environmental insights • Rechargeable battery backup of 1 hour in absence of mains • Cellular gateway for 24/7 connectivity
Power type	Hardwired 230V 50-60 Hz AC (1hr rechargeable battery backup)

Image shown with
optional cover fitted

You can use the cellular
gateway as a baseplate
for the SM-SN-1 and HM-SN-1

- **Inbuilt temperature and humidity sensors** as default to capture environmental data **to monitor damp and mould** issues on FireAngel Connected platform

- The gateway integrates FireAngel Smart RF devices with cloud-native FireAngel Connected platform for **remote monitoring via web based admin system or mobile app**

- **Features unique patented technology, FireAngel Predict™** to spot trends of behaviours logged by devices and categorise properties as high or low risk

- Easy to install design for ceiling mounting with the unique installation of using existing alarm footprint in tandem

- The gateway has **3 LED indicators** for the status of Power, Fault, and Internet connectivity for **monitoring and troubleshooting**

- Grade D1 alarms can be integrated into gateway avoiding any wiring disruption

- Equipped with LTE/GPRS Cellular technology connectivity with a backup option of Wi-Fi

- Supports OTA software upgrades

- **Provision for API integration** through FireAngel Connected platform **to integrate with housing software platforms**

CE Complies with Radio Equipment Directive 2014/53/EU

Technical Specification

Dimensions	149mm (diameter) x 54mm (depth)
Supply voltage	230Vac, 50-60Hz
Battery backup	Rechargeable 1 hour backup battery
Installation	Ceiling
Weight	346g including battery
Power consumption	2 watts
Certification	Complies with Radio Equipment Directive 2014/53/EU, EN 62368-1 EMC: EN 50130-4, EN 61000-6-3 RED: EN 300 220-2 (868MHz), EN 300 228 (2.4GHz), Zigbee 3.0
Environmental sensors accuracy	Temperature sensor (±0.5°C) Humidity sensor (±0.3% RH)
Maximum number of connected devices	Recommended as suitable for Domestic LD1 or LD2 alarm installations (max 20 devices* with RF)
Operational Life	10 Years
Cellular connectivity (SIM card not included)	GPRS cellular (900MHz/1800MHz), LTE cellular (800MHz/900MHz/1800MHz/2100MHz)
Wi-Fi	2.4GHz, 802.11n
Storage temperature	-20 to +35 °C
Warranty	2 years
Security	SSL Certificate V3.0 (Signature Algorithm: Sha256RSA, Signature Hash Algorithm: sha256, 128 bits, TLS 1.2, Public Key: RSA (2048 Bits), Key Usage: Digital Signature, Ket Encipherment)

FireAngel Connected
Remotely monitor and manage multiple devices wherever you are with FireAngel Connected

Smoke Alarm   Heat Alarm   CO Alarm   Wireless Alarm Control Unit   Assisted Living Solutions

For further information or sales enquiries, contact your local Specification Manager:
www.fireangel.co.uk/specification-manager

CA0362R3

*The Gateway can be configured to interlink more than 20 devices if your specification requires.
Please contact FireAngel for more information.