

Features

- Designed for operation with IEEE 802.15.4 Wireless Access Points & Sensor Networking
- True System on Chip Solution (SoC)
- Industry leading CC2420 RF Transceiver
- ZigBee™ compatible hardware
- Push Button (Options 1-5 User Defined)
- Audible alarm
- Battery powered, low duty cycle gives exceptional battery life
- LED Indication
- Built in position location engine (option)
- Can wake up on event driven basis or regular reporting intervals
- Internal temperature and battery monitor



Specification

Processor	Industry standard 8051 MCU, 32 MHz, 8 bit Microcontroller
Memory	8kB RAM, 128kB Flash, Optional SPI memory
Wireless Communications	2.4 GHz IEEE 802.15.4 RF transceiver (Optional Location Engine)
Power Supply	2 x Lithium Coin Batteries each 3V, 560mAh
Push Buttons	Single button standard with options for up to 5 (built to order)
Internal Sounder	Piezo transducer: 4kHz, 70dB @ 10cm
LED Indication	Tricolour red, green, yellow for transmission diagnostics
Enclosure	UL94 HB rated flammability, IP45
Operating Temperature	-20°C - +55°C
Operating Distance	Nominal 60m in free space
Dimensions	70mm length x 30mm wide (37mm overall width)

Complimentary products: All ZB range of devices, access points and gateways