

Features

- Designed for operation with IEEE 802.15.4 Wireless Access Points & Sensor Networking
- Industry leading CC2420 RF Transceiver
- ZigBee™ compatible hardware
- Keypad Push Buttons (Option: 1-9 buttons in 3 x 3 matrix built to user requirements)
- Separate compartment for two AA batteries
- LED Diagnostic 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 AA nominal 1.5V non-rechargeable batteries
Keypad membrane	5 keys with options for up to 9 (built to order)
LED Indication	Tricolour red, green, yellow for transmission diagnostics
Enclosure	ABS Plastic body with moulded rubber sides
Operating Temperature	-20°C - +55°C
Operating Distance	Nominal 100m in free space, application dependant
Dimensions	110mm high x 70mm wide x 25mm deep

Complimentary products: All ZB range of devices and gateways

To maintain our policy of continuous improvement IDC reserve the right to modify this data sheet without notice

