

The ZB112 wireless push button is battery operated and designed to fit in a standard wall mounting box for a light switch. Typical wireless applications include lighting controls and call points for healthcare, hotel and retail operations. The ZB112 provides a stylish front panel membrane with a tactile push button which is backlit when operated. The unit is powered by two AAA batteries and as all other ZB devices is fully programmable. Two LED's are provided for wireless network diagnostics

Features

- Designed for IEEE 802.15.4/ZigBee Networking
- True System on Chip Solution (SoC)
- Industry leading CC2420 RF Transceiver
- Battery operated
- Tactile back lit push button
- Customised membrane
- LED communications diagnostics
- Programmable



Specification

Processor	Industry standard 8051 MCU, 32 MHz, 8 bit Microcontroller
Memory	8kB RAM, 128kB Flash, Optional SPI memory (up to 2Mbyte)
Wireless Communications	2.4 GHz IEEE 802.15.4 RF transceiver
Push Buttons	Maximum 4 Push Buttons
Power Supply	2 x AAA Internal Batteries
Transmit Power	Nominal 30mA for 5 milliseconds
LED Indication	Red, green for transmission diagnostics
Operating Temperature	-20°C - +55°C
Operating Distance	Up to 100m in free space
Dimensions	86 mm high x 86 mm wide
Fixing Centres	60.3mm

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

