

*The ZB113 wireless push button station has been designed as an operator station typically employed in manufacturing processes and provides up to 4 pushbuttons in a wall mounted ruggedised enclosure. The ZB113 is battery powered and operates via wireless communication removing the need for an external power supply or separate control cables. Its extremely low power consumption enables the unit to operate for years without the need to replace batteries for most applications. The device is programmable and connects to other ZB devices or a central server using a ZB104/3 Gateway. An OPC interface is available for connection to Programmable Logic Controllers and SCADA systems*

## Features

- Designed for IEEE 802.15.4/ZigBee Networking
- True System on Chip Solution (SoC)
- Industry leading CC2420 RF Transceiver
- Battery operated
- 4 Push Buttons
- LED Indication
- Programmable
- OPC Server available
- .NET SDK available



## 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
Enclosure	IP54
Operating Temperature	-20°C - +55°C
Operating Distance	Up to 100m in free space
Dimensions	195mm length x 85mm wide x 65mm deep

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

