

ZigBee® Infrastructure

ZigBee USB Interfacing Module Z103A



Z103A
ZigBee USB Interfacing Module

Z103 ZigBee USB module provides interface between the IEEE 802.15.4 wireless standard and USB. The USB dongle can be easily connected to the host computer for ZigBee Pro protocol communication. This USB device communicates with ZigBee Pro module through its analog port. Wireless power amplifier version is also available.

Product Version

Z103AR: a router (ZCL incl. in FW)
Z103AC: a coordinator (ZCL incl. in FW)

*Z103A must work with ZiG-BUTLER PC based software or ZBHA SDK.

Main Features

- ZigBee device type : Combined Interface
- USB powered/standard USB key chain size
- Serial port interface (virtual port under Windows)
- Chip-antenna
- Communication Range: Up to 100 meters (line-of-sight)

Technical Parameters

Frequency:	2.405 ~ 2.480 GHz
Channels:	16
Receiver Sensitivity:	-97 dBm
Communication Range:	100 m
Power Supply:	Standard USB 5V DC
Consumption:	@receiving mode <50mA @transmitting mode <50mA @standby mode <50mA
Operating Ambient:	Temperature -10~50°C, Humidity max. 95%RH
Product Dimension:	63.5mm x 27.5mm x 10.5mm