

Zigbee USB Dongle

(Model: ZU-H, High Power)
(Model: ZU-L, Low Power)



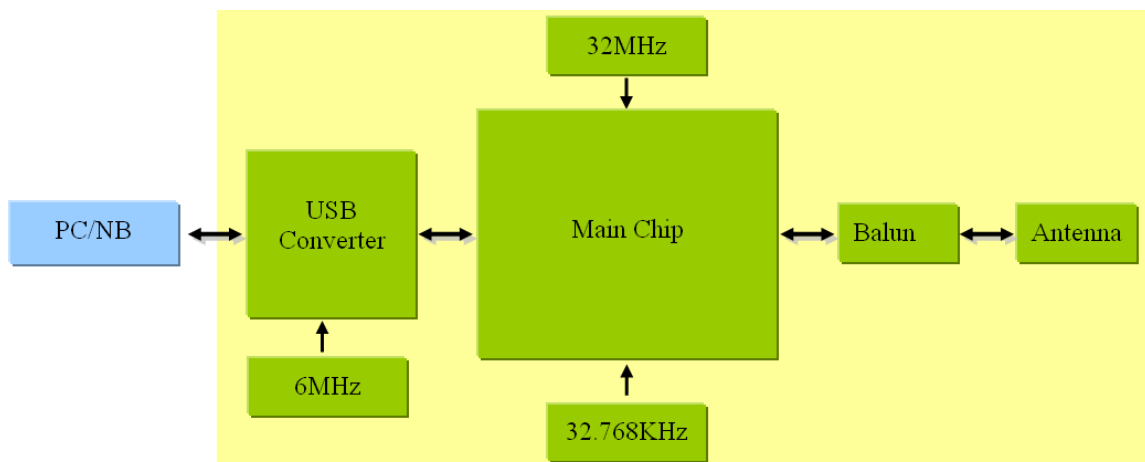
Features :

- ✚ Suitable for home/building automation, industrial control and monitoring, low power wireless sensor networks, PC peripherals, set-top boxes and remote controls, consumer Electronic.
- ✚ High performance and low power consumption.
- ✚ Excellent receiver sensitivity and robustness to interferers.
- ✚ 2.4GHz IEEE 802.15.4 / ZigBee compliant.
- ✚ CSMA/CA hardware support.
- ✚ Digital RSSI/LQI support.
- ✚ AES security coprocessor.

Applications :

- ✚ Wireless sensor networks, particularly IEEE802.15.4/ ZigBee systems.
- ✚ Home and commercial building automation.
- ✚ PC peripherals.
- ✚ Industrial control and monitoring system.
- ✚ Set-top boxes and remote controls.
- ✚ Consumer Electronics.

Block Diagram :



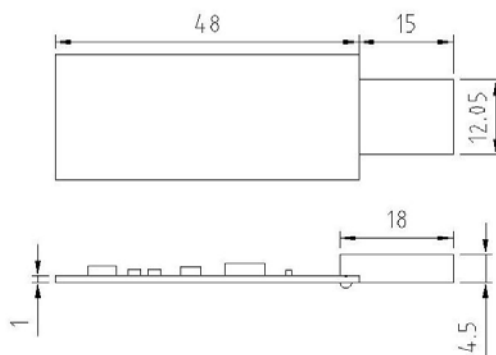
Specification:

Interface	Description
Frequency	2.4GHz~2.5GHz
Modulation Type	O-QPSK
Transmit power	0dBm (Nominal)
Receiver sensitivity	-90dBm (Nominal)
Data Rate	250Kbps
Antenna Impedance	50 ohm
Size	48*20*5.0 (mm)
Supply Voltage	5.0V
Operate Ambient Temperature Range	-20°C ~ +75°C
Storage Temperature Range	-40°C ~ +125°C

RF Characteristics :

Parameter	Min.	Typ.	Max.	Unit
Receiver Sensitivity		-90		dBm
Frequency Error Tolerance	-50		+50	KHz
Nominal Output Power	-3	0		dBm
EVM		30		%

Dimensions (mm) :



Remark: All contents are subject to change without notice.



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