



CC2530

Zigbee USB Dongle

H-2 Technik UG (haftungsbeschränkt)

www.h-2technik.com

Version Information

Version	Date	Modified By	Introduction
1.1	02.2017	Wang	Release

1. Overview

UZD-001 is a kind of USB-ZigBee Dongle which have following application fields:

- ZigBee Packet Sniffer

As default, this module is preinstalled ZigBee packet sniffer firmware. This module is equipped with TI CC2530F256 which is a true system-on-chip (SoC) solution for IEEE802.15.4, ZigBee and RF4CE applications. The CC2530 combines the excellent performance 8051 MCU, in-system programmable flash, 8KB SRAM and many other powerful features.

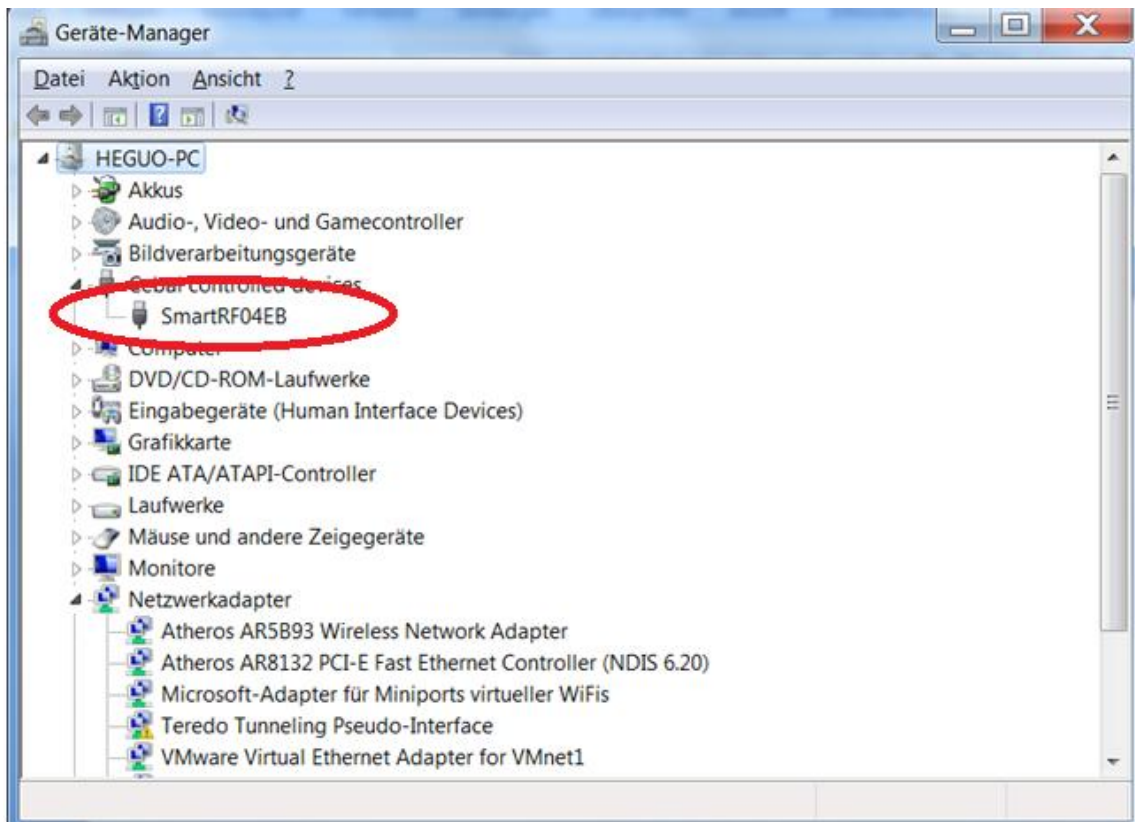
2. ZigBee Packet sniffer

2.1 install driver for Packet sniffer module

you can download driver from link

<http://h-2technik.com/online/webee/ZigBee/Dongle/Driver/cebal.zip>

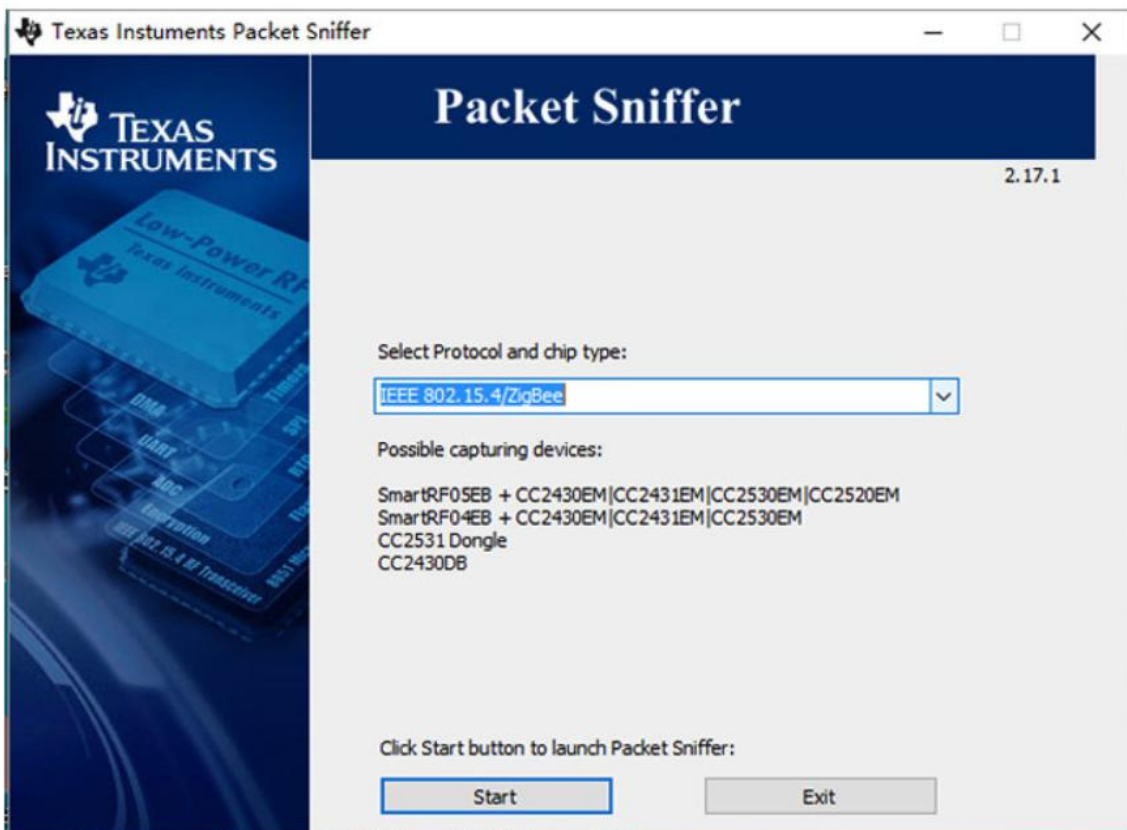
after successful installation, you will find CC2540 USB dongle unter “cabal controlled devices”.



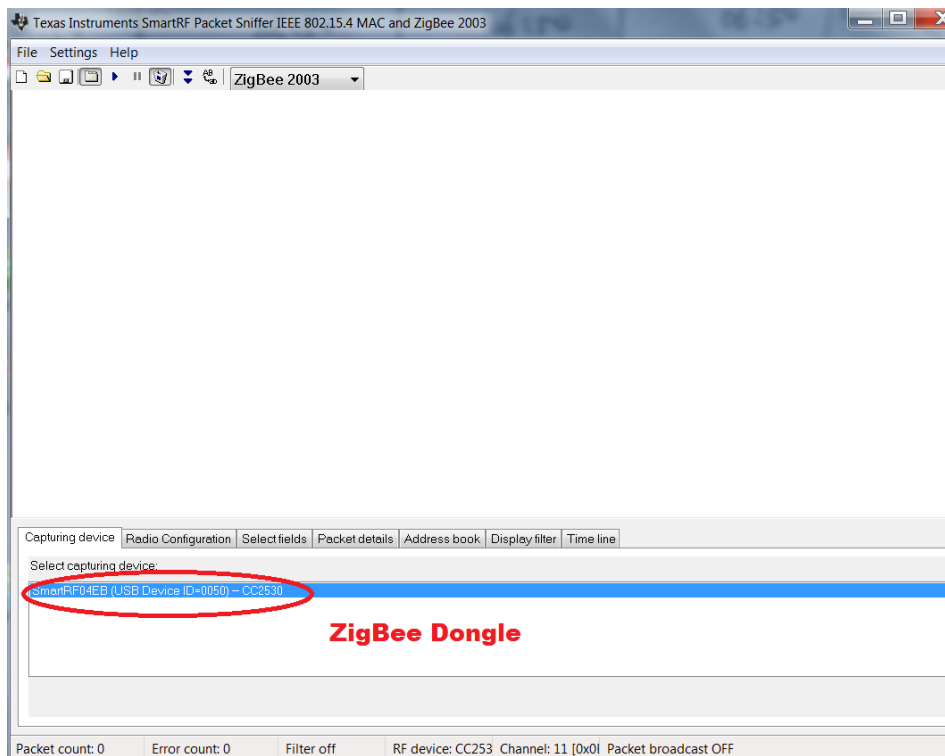
2.2 Run Packet Sniffer

Download BLE packet sniffer software from link (http://h-2technik.com/online/webee/Bluetooth/Dongle/PACKET_SNIFFER/Setup_SmartRF_Packet_Sniffer_2.17.1.zip) here.

After installation, you can start it. Please select "IEEE 802.15.4/ZigBee" from list as below,



In main window, ZigBee telegrams can be captured by click “start”.



In case of paired ZigBee devices nearby, that can be captured and listed in sniffer.

