



# PANalyzer IoT Expansion Pack

Hardware shown for reference.  
Actual devices may vary depending  
on availability.

The IoT expansion pack adds more protocol processing power to the PANalyzer system. Comprised of USB adapters to monitor and capture Z-Wave, IEEE 802.15.4 protocols, and Wi-Fi.

PANalyzer software handles all required driver code to sense and configure the adapters, and stream packets to Wireshark via respective interfaces.

## BLUETOOTH ADAPTER FEATURES

- Active BR/EDR inquiry
- BLE active scan

## 802.15.4 ADAPTER\* FEATURES

- Support for Zigbee 2.4GHz
  - O-QPSK modulation
- Support for Zigbee sub-GHz
  - O-QPSK & BPSK modulation
- Channel options:
  - Static single channel
  - Channel sweep
  - Channel hop
- Support for Wi-SUN FSK
  - Includes all operation modes, regions, and operating classes
  - Channel options:
    - Static single channel
    - Channel sweep
- Wi-SUN custom configuration

## Z-WAVE ADAPTER FEATURES

- Supports all modes: R1, R2, R3
- Three model options:
  - North American frequency
  - EU frequency
  - APAC frequency

## WI-FI ADAPTER FEATURES

- Support for all 2.4 & 5GHz modes
- Channel options:
  - Static single channel
  - Channel sweep
  - Channel hop

**Powered USB3 hub  
included with purchase**

\* By purchasing this product you understand that components included may be meant for lab and testing use only. It is not certified or qualified for commercial use (e.g. FCC or CE certifications).