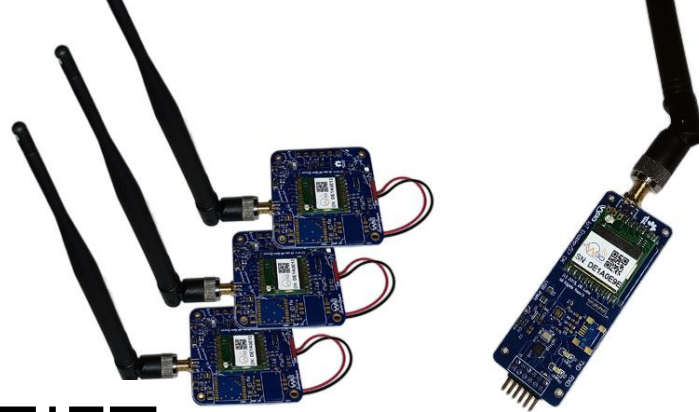# Whisker.IO
Developer Kit

Long range wireless monitoring and control for the Internet of Things

PN: **WIO-900-DK1**

Cost:**$199 US**

Introduction

The Whisker.IO Developer Kit contains everything you need to start development on you own long-range, battery powered wireless IoT project.

Whisker.IO SensorSquare™

The SensorSquare™ is a self-contained, battery powered wireless IoT sensor/control board. The SensorSquares™ included in this kit have internal temperature and humidity sensors and external connections for two dry contact inputs, one analog input, and one high current output.

Whisker.IO Adapter™

The adapter comes in two configurations: PMOD and USB.

The PMOD adapter allows any development board with PMOD connectors to be used as a Whisker.IO gateway. We offer open-source C software for the Renesas IoT Enabler board; this code can easily be ported to other platforms.

The USB adapter can be used with any computer that supports USB virtual com ports.

Both adapters are powered from their hosts.

Features

- Plug and play solution
- Accurate temperature and humidity measurements (+/- 1ºC, 4%)
- 5 years battery life
- 4 miles operating range *
- External connections (per device):
    - (2) dry contact inputs
    - (1) analog voltage input
    - (1) high current output
- Rapid development platform
- Access to key signals for prototyping

Contents

- Qty. 1 PMOD/USB Adapter
- Qty. 3 Temp/RH SensorSquares
- Qty. 4 Half-wave di-pole antenna
- Qty. 6 AAA battery
- Qty. 1 provisioning key ring magnet.

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