



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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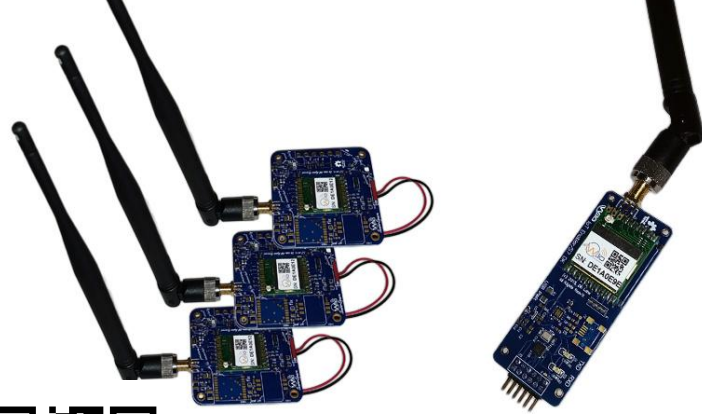
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# Whisker.IO Developer Kit

*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 your 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 ( $\pm 1^{\circ}\text{C}$ , 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.