

Tarts IOT Wireless Gateway

General Description

The Tarts IOT Wireless Gateway is a device that enables users to create their own wireless sensing network solutions. The device has two communication protocols and uses a simple UART connected directly to the wireless gateway's PCB port interface. This solution provides very basic, yet easy access to the gateway, the functions it performs, and to wireless sensor data.


Gateway Communication

- UART (API or AT Command Mode)

Features

- Support up to 100 Tarts wireless sensors per wireless gateway.
- FCC, IC and CE certified.

Tarts Wireless Gateway Shield for Arduino Specifications

Radio Bands available:	900 MHz, 868 MHz, 433 MHz (exclusive on each device)
Communication Interface:	UART (API or AT Command Mode)
Dimensions:	1" x 1"
Power:	2.0 – 3.6 VDC
Antenna:	Right Angle Whip
Antenna Gain:	3 dBi
Antenna Connector:	RPSMA
Programming Connection Adapter:	Gateway (2mm) to breadboard (0.1")
Sensors Supported	Up to 100 Tarts wireless sensors per wireless gateway
Operating Temperature	-40° to +85° C (-40° to +185° F)
Certifications:	 900 MHz product; FCC ID: ZTL- RFSC1 and IC: 9794A-RFSC1. 868 and 433 MHz product tested and found to comply with: CISPR 22:2008-09 / EN 55022:2010 - Class B and ETSI EN 300 220-2 V2.4.1 (2012-05).

For more product information or to place an order visit us on the web at www.tartssensors.com.
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