



Tarts Wireless Gateway Shield for Arduino

General Description

The Tarts Gateway Shield for Arduino is an RF Transceiver that listens to RF communications from the TARTs line of battery powered, wireless sensors. Data from the sensors are captured in the shield and can be extracted to Arduino. Use the flexibility of customization offered by Arduino products to monitor your environment.


Features

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

Arduino Compatibility

- Uno
- Leonardo
- Yun
- Ethernet
- Due
- MEGA-ADK, MEGA2560

Tarts Wireless Gateway Shield for Arduino Specifications

Radio Bands available:	900 MHz, 868 MHz, 433 MHz (exclusive on each device)
Communication Interface:	I2C
Arduino Platform Compatibility:	Uno, Leonardo, Yun, Ethernet, Due, MEGA-ADK, MEGA2560
Dimensions:	2" x 2.125"
Power:	3.3V : 40mA
Antenna:	Right Angle Whip, Gain: 3 dBi Connector: RPSMA
LED Indicators	Activity and Power
Sensors Supported	Up to 100 Tarts Wireless Sensors per Gateway Shield
Operating Temperature	-40° to +85° C (-40° to +185° F)
Stackability	Up to 8 shields can be stacked to interface with 1 Arduino board *
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).

* Stacking multiple Tarts gateways on a single Arduino Uno or Leonardo board requires a secondary form of power for each Tarts gateway shield.

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