

MODEL NAME
Afero ASR-1 Development Shield

AFERO MODEL NUMBER
Plinto

DIMENSIONS
68.58W x 53.34H x 19.05D mm

WEIGHT (EARTH MSL)
20 g

PACKAGE
Development shield

POWER
2.1-5VDC, 50mA max

OPERATING TEMPERATURE
0 to 40° C

STORAGE TEMPERATURE
-20 to 60° C

OPERATING HUMIDITY
10 to 80% non-condensing

STORAGE HUMIDITY
5 to 90% non-condensing

The **Afero Plinto shield** connects an Afero Modulo development board to a compatible Arduino® board to extend the capabilities of the Modulo. With Plinto+Modulo, any project can be transformed into a secure, smart product.

Secure Connectivity Modulo contains the Afero Secure Radio Module (ASR-1), and within each ASR-1 is a Bluetooth® Smart radio and a dedicated Hardware Security Module (HSM). These components bring secure and reliable connectivity to your project.

Straightforward Assembly The Plinto easily connects to Uno and other classic Arduino boards, such as the Duemilanove or Diecimilla. Six pins are used to communicate with Arduino via SPI.

Stackable Shield Connect more shields to Plinto to add functionality to your project, then use the Afero Profile Editor to set up these functions for remote control via the Afero Cloud. For example, you could add shields that change the message displayed on an LCD, control the movements of a robot, monitor water levels – all from a smartphone.



By integrating with Arduino, one of the largest and most collaborative open-source hardware and software prototyping platforms, Afero makes it possible for developers to access and control Arduino devices securely from anywhere in the world.