

1Sheeld+

Turn your smartphone into a shield.



PRODUCT SPECIFICATIONS

- 1Sheeld+ uses a standard HM-10 Bluetooth low energy adapter (BLE 4.0)
- Range up to 30 feet
- Communicates with Arduino using UART, compatible with 5V and 3.3V boards.
- 7.37 MHz operating frequency
- Supports iOS versions starting 9.0 and up.
- Supports Android versions starting 4.3 and up



DESCRIPTION

1Sheeld+ is an easily configured shield for Arduino. It has a built-in Bluetooth low energy module that gives to your Arduino the capability to connect itself to your iOS and Android phones. Thanks to the 1Sheeld app available on the App Store and Google Play Store you can easily associate your Android smartphone to it and turning your smartphone into a shield itself.

Once connected you can control your Arduino with the smartphone sending data and controlling pins but you can also do the opposite. The 1Sheeld library gives to your Arduino the full control of the smartphone. So the Arduino can send e-mails, control the Camera, use Voice Recognition, send Facebook and Twitter notification and basically everything a powerful smartphone can do.