

micro:bit Smart Science

Reference Guide



- **Smart Science IoT Kit(EF08203/EF08204)**
 - 1. iot:kit Introduction
 - 2. iot:bit
 - 3. Safety instructions
 - 4. The first part: Upload the data collected by IoT kit to the Thingspeak IoT platform.
 - 5. The second part: Use the IoT kit to make a temperature alarm through Thingspeak and IFTTT.
 - 6. The third part: Use IoT and Excel to make data visualized.
 - 7. The fourth part: Guidance of KidsIoT
 - 8. How to Apply with HiveMQ
 - 9. iot:kit case01:Air quality monitoring
 - **10. iot:kit case02: Environmental noise detection**
 - 11. iot:kit case03: An environmental quality monitoring station
 - 12. iot:kit case04: An automatic irrigation detection
 - 13. iot:kit case05: A self defense monitoring station