

Item no.: 384022

AKX00044 - Explore IOT Kit rev 2

from **119,59 EUR**

Item no.: 384022
shipping weight: 0.80 kg
Manufacturer: Arduino



Product Description

OverviewAdvanced high school and college students can now create their own connected devices - known as the Internet of Things - quickly and easily. They'll learn how to build Internet-connected objects with easy-access getting started activities and 10 sustainability projects, supported by technical and theoretical lessons. Each of these projects allows students to investigate and solve a real-world challenge linked to one of the UN's Sustainable Development Goals. Students learn design thinking methods that help them develop their own unique solutions to challenges such as urban farming, health monitoring, and water and waste conservation. Empower your students with future technologies, design methodologies, and an in-depth understanding of real-world issues to build a sustainable future with the Arduino Explore IoT Kit Rev2.

Learning outcomesThe Arduino Explore IoT Kit Rev2 has been created to provide a comprehensive understanding of the Internet of Things, as well as to encourage students to think about solving global sustainability challenges, according to the UN's Sustainable Development Goals. After looking into current academic and industrial standards, we have identified important concepts this kit should touch upon for students to learn how devices communicate and the tools used to facilitate communication, data management, analysis, and computational thinking by using real-world sensors to capture meaningful data from the environment and modify it by remotely controlling actuators such as LEDs, buzzers, displays, through the Cloud.

Specifications

**Scan this QR code to
view the product**

All details, up-to-date
prices and availability

