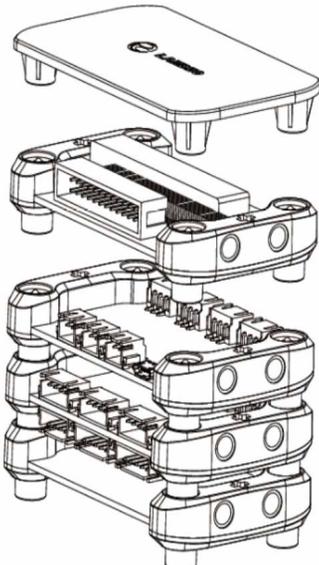# LANDZO®

Dubhe Micro:bit Artificial Intelligence Learning Kit (Honor Edition)

Product Name   Micro:bit development honor kit

Product Description   Dubhe Basic edition is a stackable AI programming learning kit which is based on Micro:bit, integrating sensor, DIY learning, game entertainment, motor driving and Python programming. This product is composed by one boards which can be stacked by magnet, Micro bit main board and Dedicated electronic modules.
Micro:bit is a Micro computer board designed by BBC for teenagers' programming education and developed by Microsoft, samsung, ARM, Lancaster university and other partners.

Features:

Building block stacking
Plug and play
Magnetic stacking design
Artificial intelligence kit

Easy-to-use
Drag your finger and automatically generate control code, easily comprehensible (artificial intelligence, graphical programming)

Application scenarios
Up to 40 STEAM application scenarios

Time and labor saving
Simple and labor-saving Dubhe connection more suitable for primary and middle school students

Safe and reliable
More reliable design and plug and play integration interface to prevent short circuit and damage

Specifications:

Professor	ARM Cortex-M0 nRF51822
Device Core	32-bit ARM Cortex M0

Package Includes:

扩展板/Expansion board

MicroBit亚克力盖板 (Acrylic cover)	MicroBit基础扩展板 (MicroBit expansion board)	MicroBit传感器扩展板 (MicroBit sensors' expansion board)

开发板/Demo board

Micro USB一米数据线 (Micro USB cable * 1m)	Microbit Bulk 开发板 (Microbit Bulk demo board)

连接线/Cables

3P双头排线 (3pin double headed winding cable)	4P双头排线 (4pin double headed winding cable)	5P双头排线 (5pin double headed winding cable)	多彩面包线（母对母） (Dupont cable)(F to F)

传感器/Sensor module

数码管模块 (Digital display module)	超声波模块 (Ultrasonic module)	温湿度传感器 (Temperature and humidity sensor module)	超声波支架 (Ultrasonic holder)	光敏电阻 (Photoresistor)

LED模块/LED module 包装/Packaging

RGB灯 (RGB light)	纸盒包装 (Packaging)

附送资料/Attachment

配置清单卡 (Configuration list)	使用说明手册 (User instruction)	教学教材（电子版） (Teaching materials) (E-version)