

Children' s Fitness

iSport 4 Kids

Operation Manual



iSport 4 Kids

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Revision History

Revision	Date	Author	Changes
0. 01	113/4/18	Howard	Created
0. 02	113/4/18	Howard	
0. 03	113/10/22	Wendell	English

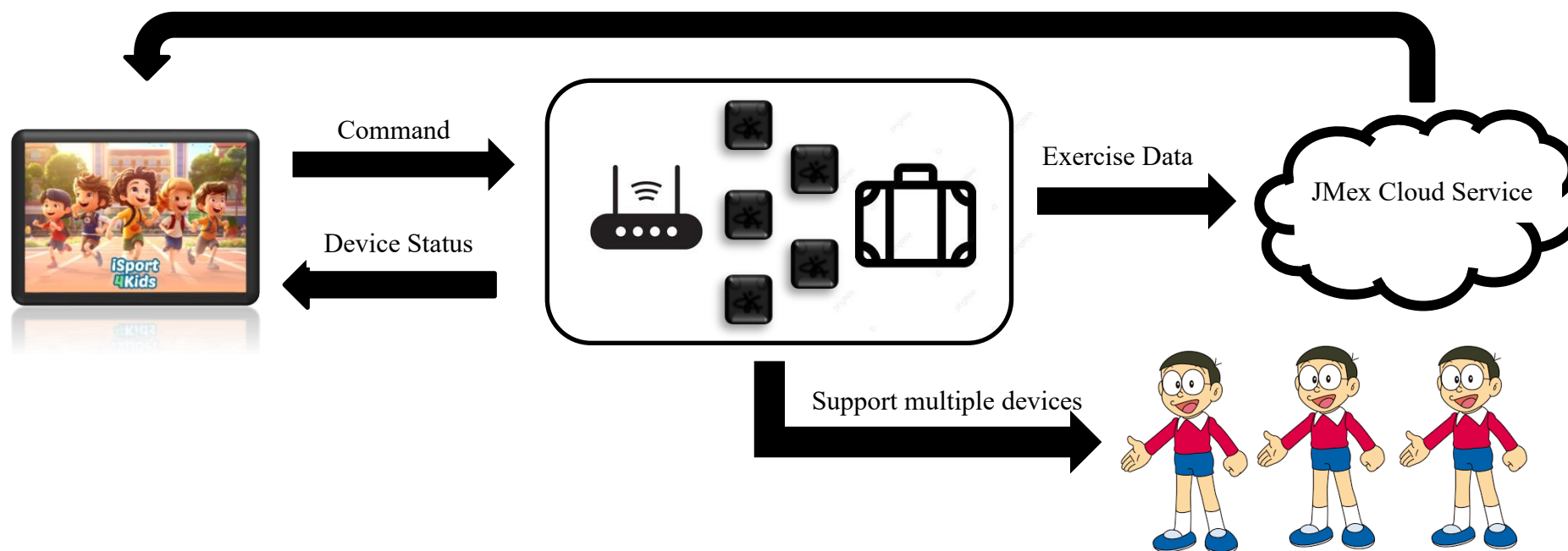
I. Introduction

This system is designed for children's physical fitness assessments and exercise programs. It captures IMU motion signals during exercise, analyzes movement characteristics, provides evaluations, and offers further AI-based course recommendations.

II. Architecture

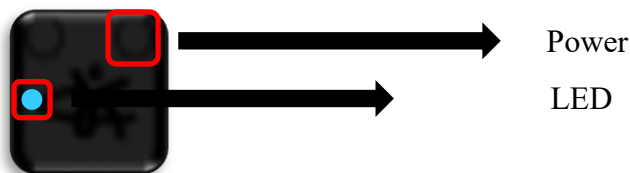
After collecting data through sensors controlled by the iSport 4 Kids app, the data is uploaded to JMex cloud service. The exercise data is then analyzed by our specialized algorithm and returned to the app in a well-structured report format.

Report



III. Devices

1 MOXI Sensor



LED and state:

State	LED color
Reaching data limitation (≥ 30)	Red
Data Receiving	Quickly blinking blue
Charging	Slowly blinking blue
Power on	3 blinks of blue
Power off (Long Press)	Blue turns red
BLE Connected	Blue

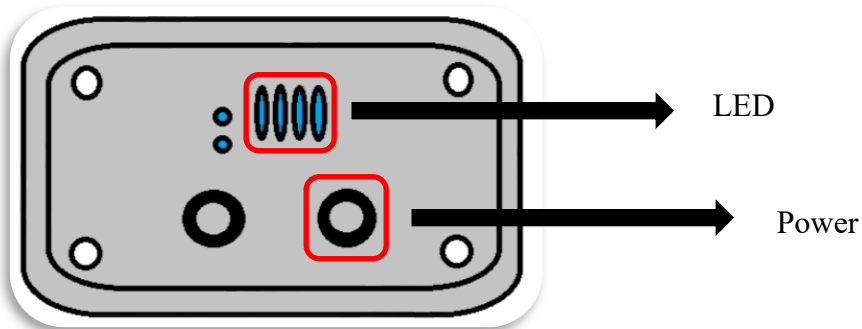
There are five colors: red, orange, yellow, green, and blue. They can be worn on specific positions such as

- A. Red -> Chest
- B. Orange -> Left ankle
- C. Yellow -> Right thigh
- D. Green -> Right upper arm
- E. Blue -> Right ankle



2 MOXI BridgeSync

1. Press the “Power” button to start the gateway, which can connect to up to 15 MOXi devices.
2. When the LED is blue, the device is in the powered-on state.



IV. Safety

1. FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter

For Class B digital device or peripheral or cordless phone (15.105)
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to

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correct the interference by one or more of the following measures:

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the separation between the equipment and receiver.
- ◆ Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- ◆ Consult the dealer or an experienced radio/TV technician for help.

2. NCC

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；

經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。請將此說明書保存好以備將來參考