

CHILD SAFETY DEVICE

PRESENTED BY

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Introduction

- ▶ A Safety device for children in crowded place.
- ▶ Provides a connection between parent and child.
- ▶ Connection will be lost if the infant or child separate from the parent.
- ▶ Device alerts the parent when the connection is lost.

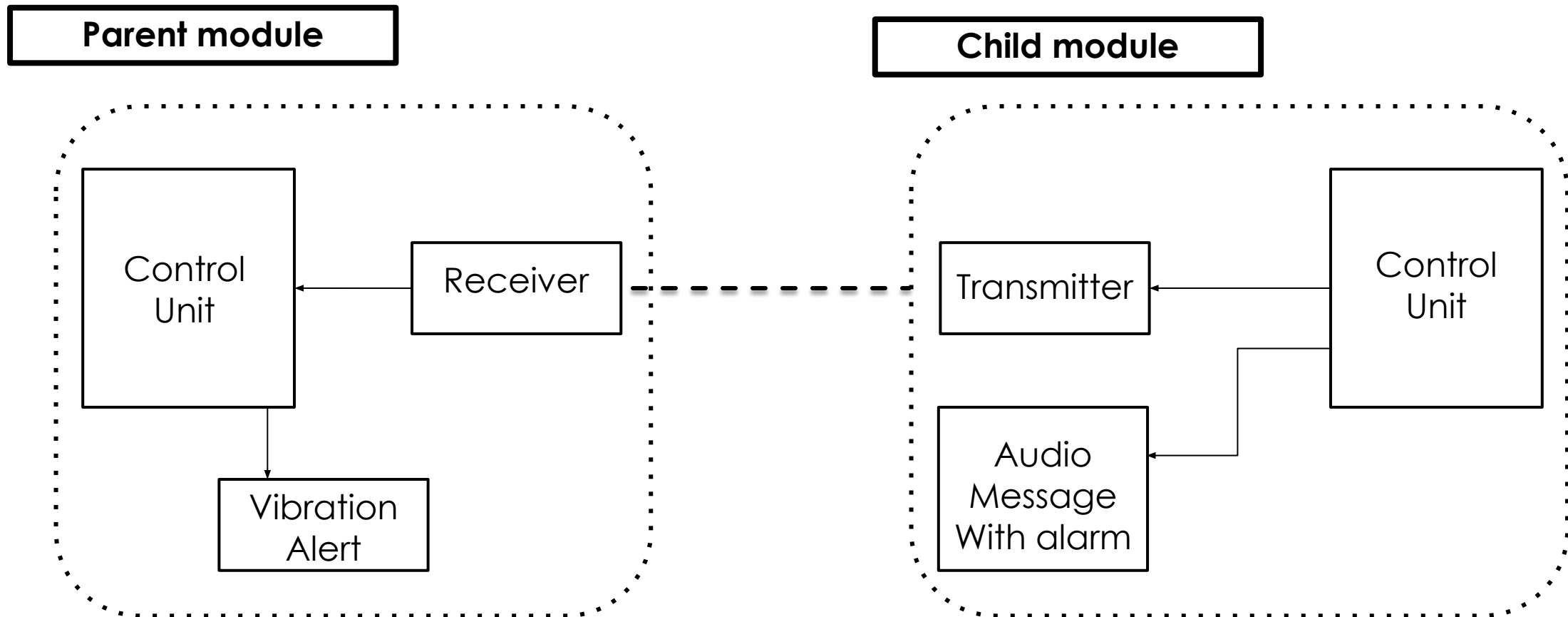
Features

- ▶ Wearable device - In belt.
- ▶ Contains 2 modules
- ▶ A parent module and a child module.
- ▶ This product adopts Bluetooth technology.
- ▶ Vibration alert for parent .
- ▶ Sound alarm on child device.
- ▶ The limit of the connecting distance is 10 m.
- ▶ Parent module can connect to multiple child modules.
- ▶ Long battery life.

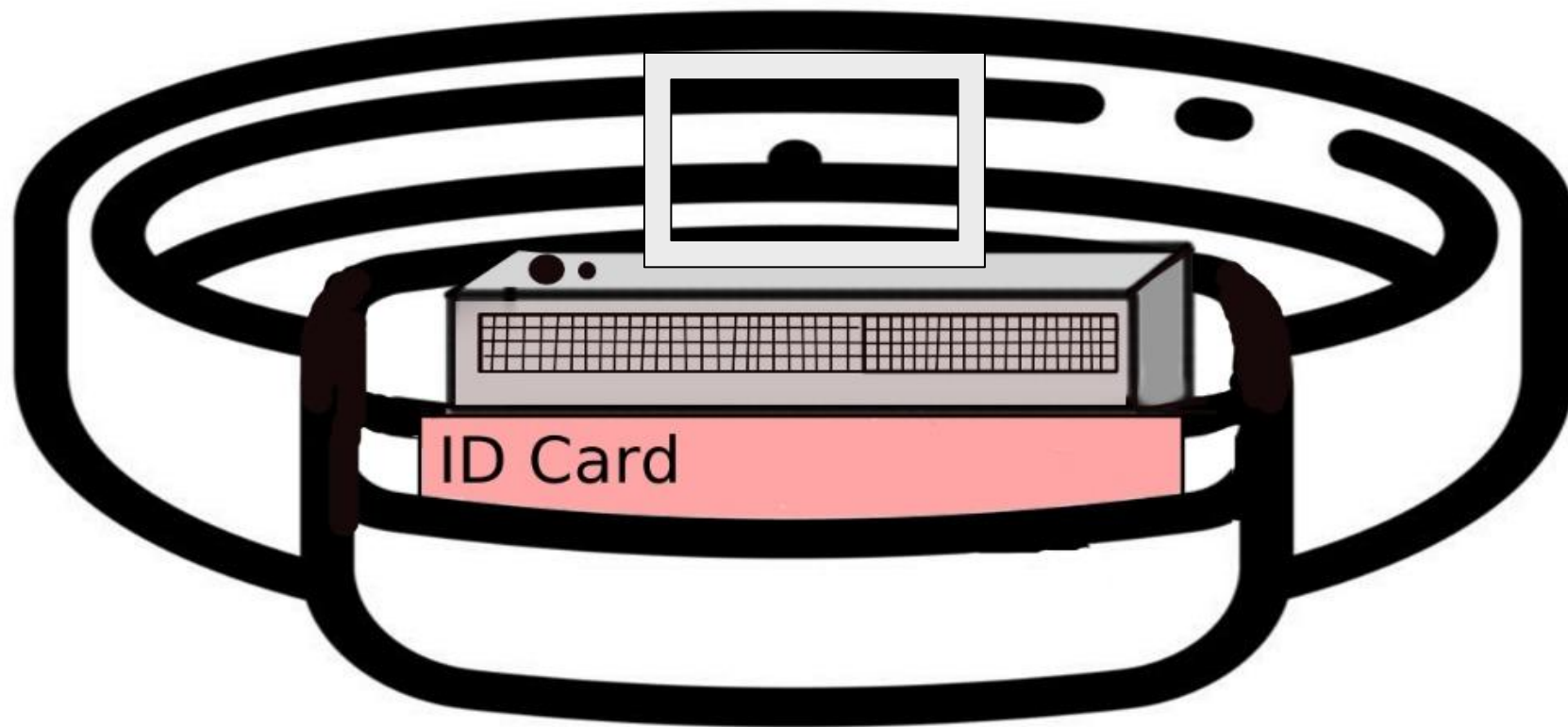
How it works?

- ▶ Device turn on and a red indicator is on.
- ▶ When bluetooth turned on in both devices they pair each other.
- ▶ Green indicator on when paired.
- ▶ Both devices keep on checking the connection to the other.
- ▶ When the connection is lost,
 - ▶ Parent gets a vibration alert.
 - ▶ Child device produce a sound alarm followed by parent's voice containing contact details.
- ▶ Hearing the sound alarm on child device surrounding people can help the child back to the parent.

Block Diagram



Belt Structure



waist size 15-25"

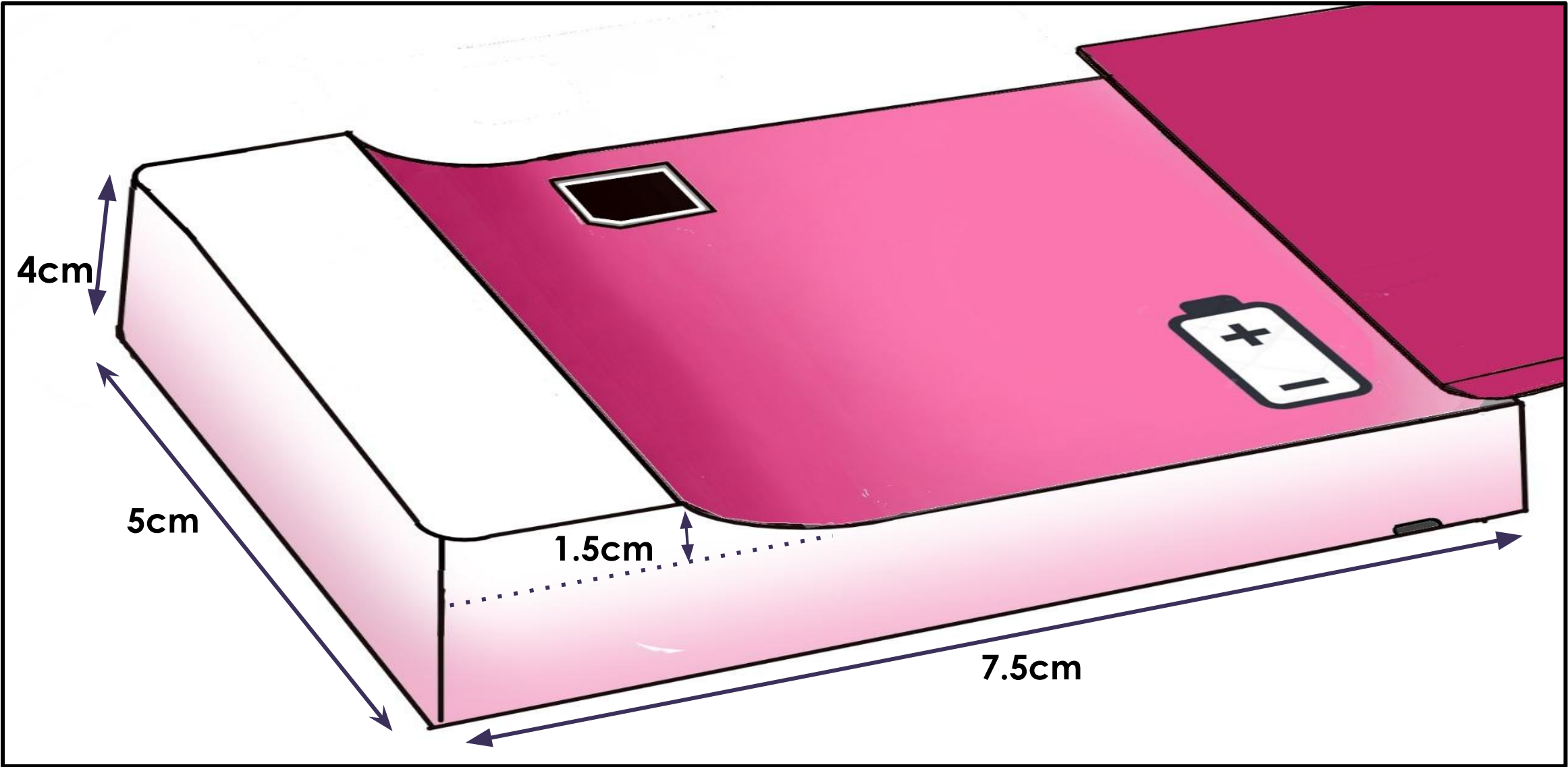
Parent Device



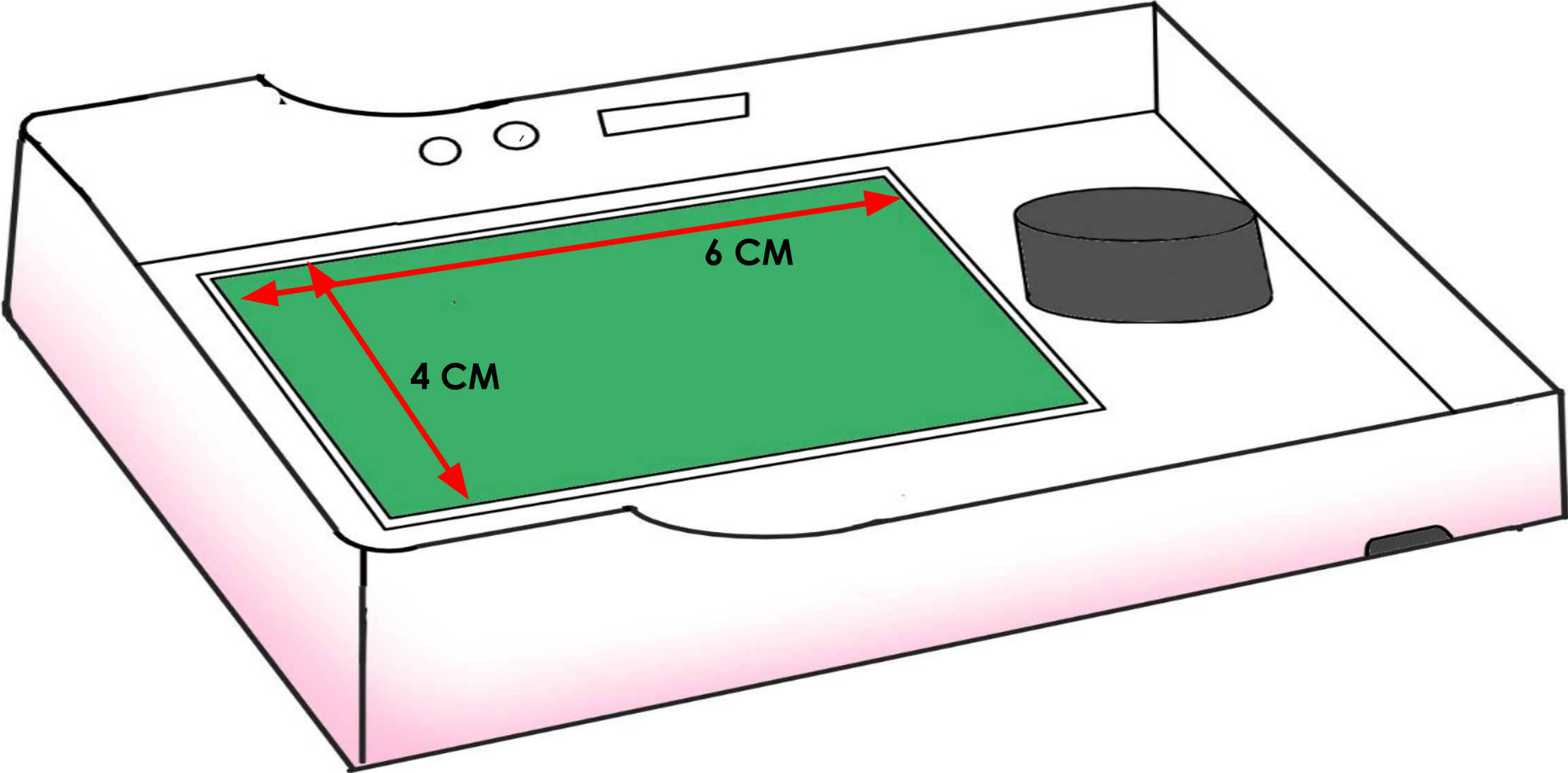
Kid Device



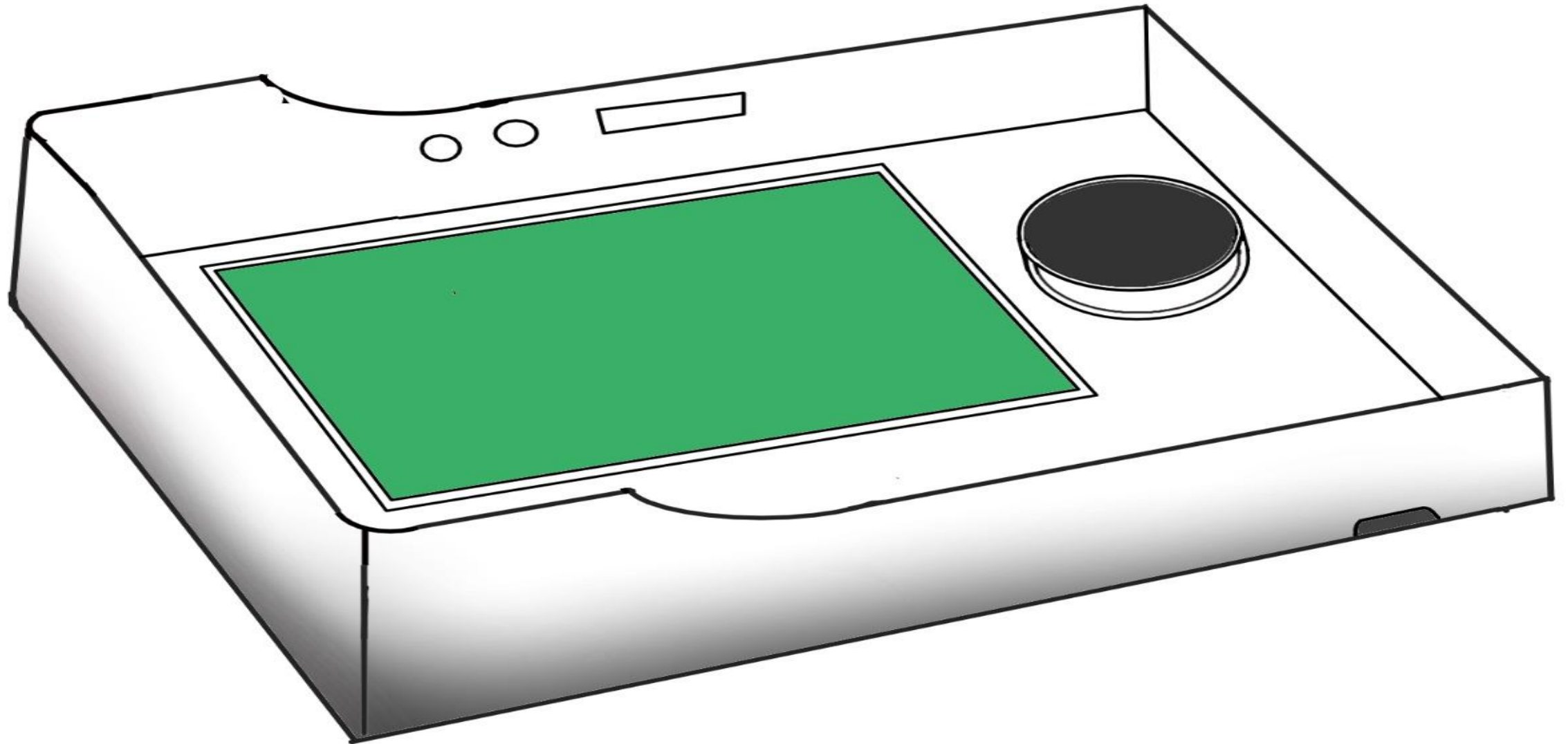
Outer Dimensions



Child Device



Parent Device



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THANK YOU

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