

INDUSTRIAL PRODUCT DATASHEET

XIAO Smart IR Mate: Smart Wi-Fi Infrared Proxy for Home Assistant (ESPHome Ready-Made Project)

A zero-code, ESPHome-based infrared proxy with intuitive touch control for Home Assistant.

SKU

109990586

UPDATED

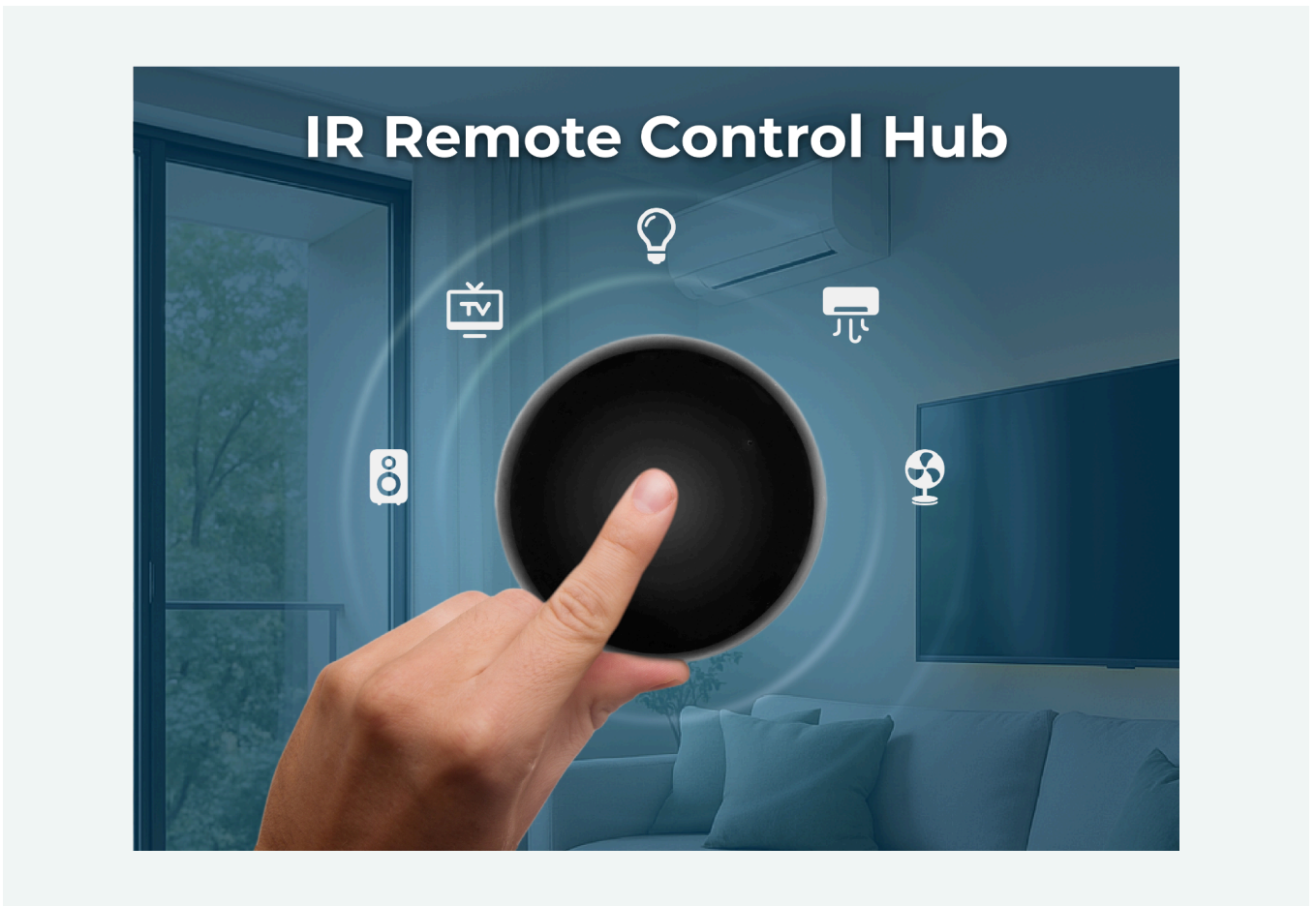
2026-06-17 15:14:55

PRICE

\$9.90(Excl. VAT)



Overview



The XIAO Smart IR Mate is an ESPHome Ready-Made device that learns up to 10 IR commands for one-tap playback in Home Assistant, powered by XIAO ESP32-C3. It features intuitive touch interaction with vibration feedback, a compact 65mm diameter design, and USB-C power, enabling unified smart home control and advanced automation.

Key Features

ESPHome Ready-Made Project: Zero-Code Setup!

Seeed Studio is proud to have joined the ESPHome Ready-Made Project. No YAML or coding required—flash your firmware directly via web browser for instant integration.

Featured Devices:

- **XIAO Smart IR Mate:** Your ultimate Home Assistant infrared hub.
- [XIAO W5500 Ethernet Adapter V1.2:](#) Reliable PoE Bluetooth Proxy for Seamless Connectivity.

Experience seamless setup now at the [ESPHome Ready-Made Projects website!](#)

[Explore landing page](#) to discover more plug-and-play, Home Assistant-compatible devices designed for faster deployment and simplified integration.

- **Seamless Integration with Home Assistant**

Powered by [XIAO ESP32-C3](#), built on the [ESPHome](#) platform, XIAO Smart IR Mate is automatically discovered by [Home Assistant](#), offering simple entities for effortless automation and scripting.

- **Intuitive Physical Interaction Feedback**

Features a touch module, vibration motor and LED indicator. It vibrates once is touched, After learning the IR signal, touch it to send the signal . Short vibrations confirm actions, long vibrations signal learning mode, and the LED indicates network status, simplifying setup and troubleshooting.

- **Easily IR signal Learning**

Supports learning up to 10 IR commands from standard IR remotes for one-tap playback in Home Assistant.

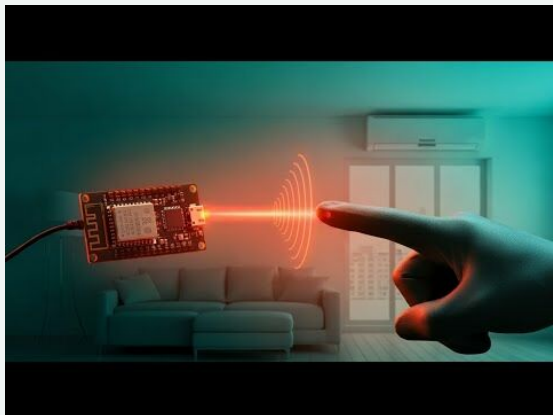
- **Compact Design, USB-C Powered**

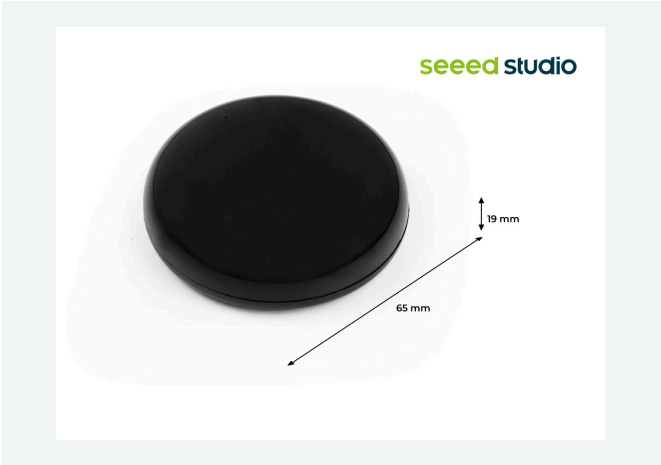
Measuring just 65mm in diameter and 19mm in height, the XIAO IR Mate features an ultra-compact design. It is conveniently powered via a USB-C connection, eliminating the need for bulky external adapters.

Note:

Early Build provides beta products (featuring 3D-printed cases) and evolving software before final release. We welcome your feedback and suggestions to shape the product's evolution. Enjoy exploring!

Product Gallery

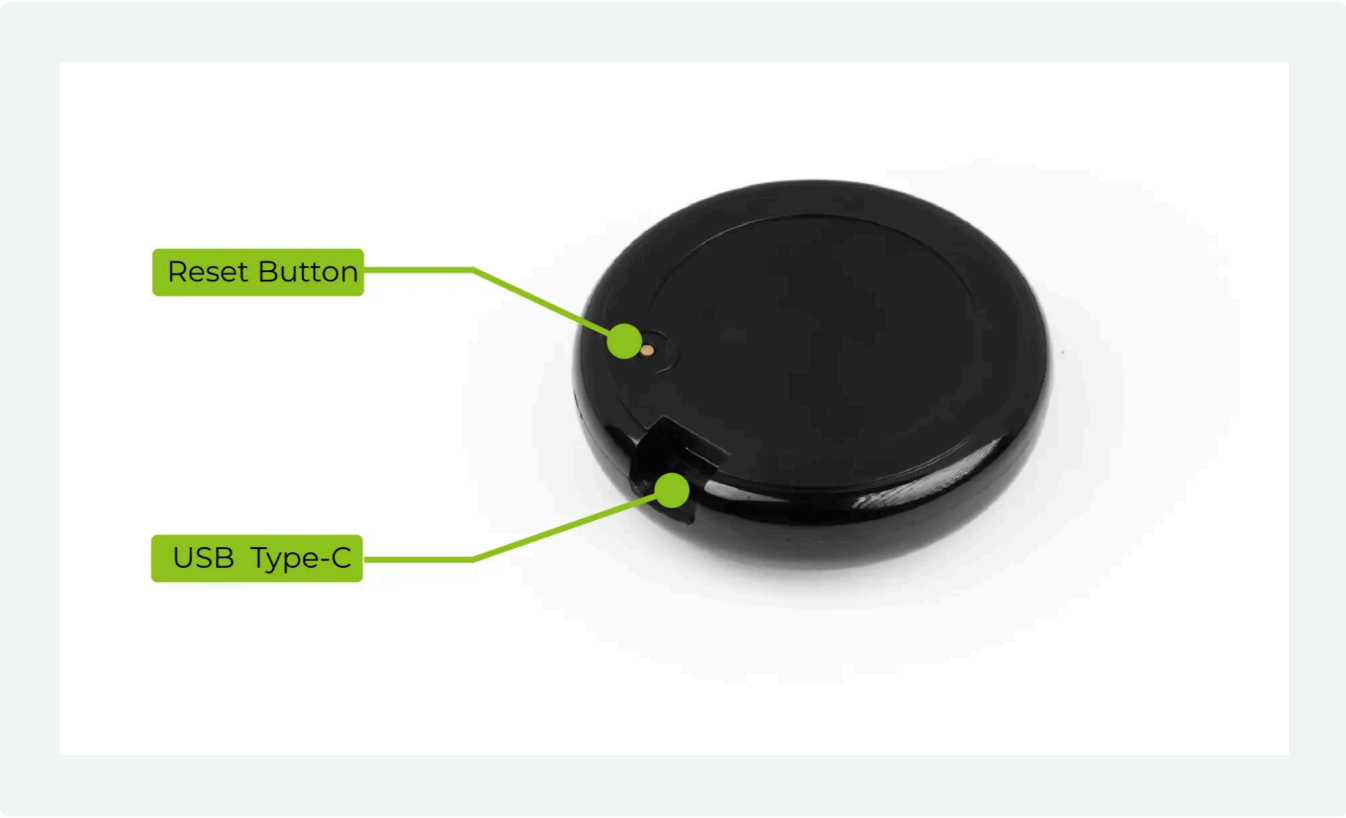




Specification

Item	Details
Main Controller	Seeed Studio XIAO ESP32-C3
Wireless Connectivity	Wi-Fi 2.4GHz & BLE (Available for custom development)
Power Supply	5V, via XIAO ESP32-C3's USB Type-C
IR Transmission	3x High-power IR LEDs for 360° coverage
IR Reception	1x High-sensitivity IR receiver
Onboard Interfaces	• Touch Sensor • Vibration Motor • Status Indicator Light • Reset Button
Software	Pre-flashed ESPHome firmware, with native Home Assistant support
Dimensions	Diameter: 65mm Height: 19mm

Hardware Overview



Applications

- Unified Smart Home Control
- Advanced Automation Scenes
- Energy-Saving Automation
- Voice Control for Traditional Appliances
- DIY Electronics Projects

Part List

XIAO IR Mate	x1
--------------	----

Compliance & Logistics

HSCODE	8536500090
USHSCODE	8536509020
UPC	
EUHSCODE	8536301090
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/XIAO-Smart-IR-Mate-p-6492.html>
- [Getting Started with XIAO IR Mate Smart IR Remote \(For Home Assistant\)](#)

Seeed Technology Co.,Ltd.

9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676

Web: www.seeed.cc

Shop: www.seeedstudio.com