

INDUSTRIAL PRODUCT DATASHEET

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

[image] The XIAO IR Mate is a compact yet powerful smart infrared remote control hub designed specifically for Home Assistant. With the XIAO ESP 32-C 3 at its core, it seamlessly integrates with Home Assistant, allowing you to directly control your traditional infrared home appliances, such as TVs, air conditioners, and fans, via your mobile phone or automation routines. Featuring one-touch

SKU	UPDATED	PRICE
109990586	2026-04-29 10:14:57	\$9.90(Excl. VAT)



# Overview

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Figure 1. 109 2X

[image] The XIAO IR Mate is a compact yet powerful smart infrared remote control hub designed specifically for Home Assistant. With the XIAO ESP 32-C 3 at its core, it seamlessly integrates with Home Assistant, allowing you to directly control your traditional infrared home appliances, such as TVs, air conditioners, and fans, via your mobile phone or automation routines. Featuring one-touch learning, and haptic feedback, it's the ultimate tool for making your traditional devices smart.

## Key Features

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01

**Seamless Integration with Home Assistant**

02

**Intuitive Physical Interaction Feedback**

03

**Easily IR signal Learning**

04

**Compact Design, USB-C**

Powered

# Product Gallery

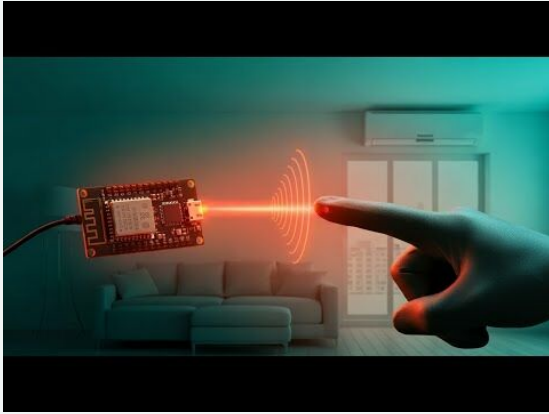


Figure 1. Hqdefault 154



Figure 2. 109990586 Xiao Smart Ir Mate



Figure 3. 109990586 Xiao Smart Ir Mate



Figure 4. 109990586 Xiao Smart Ir Mate



Figure 5. 109990586 Xiao Smart Ir Mate



Figure 6. 109990586 Xiao Smart Ir Mate



# Specification

## Seeed Studio XIAO ESP32-C3

Seeed Studio XIAO ESP32-C3	
Item	Details
Main Controller	
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

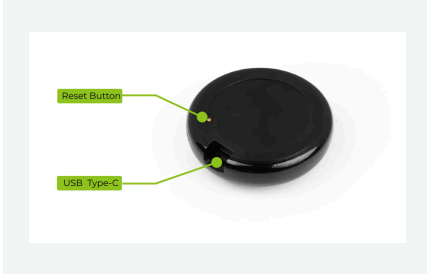


Figure 1. Image 109990586

# Applications

Unified Smart Home Control

Advanced Automation Scenes

Energy-Saving Automation

Voice Control for Traditional Appliances

DIY Electronics Projects

# Part List

<b>XIAO IR Mate</b>	x1
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# Compliance & Logistics

<b>HSCODE</b>	8536500090
<b>USHSCODE</b>	8536509020
<b>UPC</b>	
<b>EUHSCODE</b>	8536301090
<b>COO</b>	CHINA

Logistics	Value
ECCN	EAR99
HSCODE	8536500090
USHSCODE	8536509020
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 \(For Home Assistant\)](#)

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