seeed studio

INDUSTRIAL PRODUCT DATASHEET

XIAO 6-Channel Wi-Fi 5V DC Relay

The XIAO 6-Channel Wi-Fi 5V DC Relay offers six independent DC relay channels, Home Assistant integration via ESPHome, XIAO ESP32-C6 connectivity, and two Grove interface ports for compact automation and control.

SKU	UPDATED	PRICE
114993588	2026-10-23 02:44:25	$21.90(Excl. VAT)



Overview



The XIAO 6-Channel Wi-Fi 5V DC Relay is an early-build beta product (featuring a 3D-printed case and evolving software) that provides smart home integration via pre-installed ESPHome firmware and Home Assistant compatibility. Powered by Seeed Studio XIAO ESP32-C6 (with Wi-Fi, BLE 5.0, Zigbee & Thread connectivity), it offers six independent relay channels for DC devices, two Grove interface ports for expansion, and full Arduino IDE support for applications including home automation, compact industrial control, energy management, smart agriculture, and connected devices.

Key Features

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!

- **Smart Home Integration**: Seamlessly works with Home Assistant through pre-installed ESPHome firmware. Control and automate your devices remotely via Wi-Fi, with no complex setup needed.
- **Six Independent Relay Control**: Features 6 independent relay channels to control multiple DC devices simultaneously. Perfect for managing various home appliances, from lights to motors, all in one compact hub.
- **XIAO ESP32-C6 Powered**: Powered by **Seeed Studio XIAO ESP32-C6**, delivering stable Wi-Fi, BLE 5.0, Zigbee & Thread connectivity and robust performance for all your automation tasks.
- **Built for Expansion**: Two Grove interface ports allow easy connection of additional **Grove sensors or actuators**. Expand your automation possibilities without complicated wiring or modification.
- **Compact & Developer-Friendly**: Space-saving design meets professional reliability. Fully supports Arduino IDE for custom programming, making it ideal for both beginners and experienced makers.

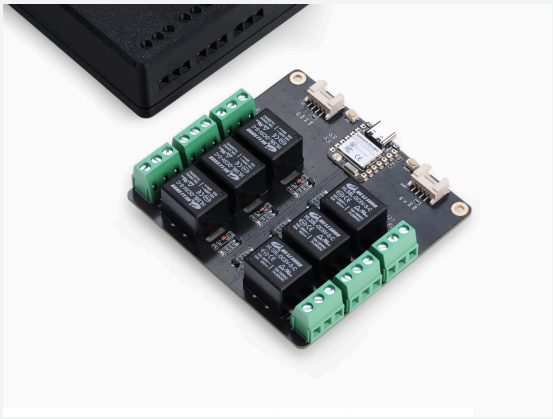
Product Gallery



















Specification

Processor	XIAO ESP32-C6
Input voltage (Type-C)	DC 5V (For XIAO)
Interfaces	2.4GHz Wi-Fi 6, 1xIIC(Grove), 1xUART(Grove), USB(Type-C)
Outputs	6 Relay Channels, each with COM,NC,NO 10A 30VDC (recommended) 10A 250VAC
Dimensions	97mm*92mm*31mm
Enclosure	3D Printed□Colcor: Black Material: PLA

Applications

- **Home Automation Systems**
- **Compact Industrial Control Systems**
- **Energy Management Systems**
- **Smart Agriculture**
- **Connected Device Applications**

Part List

XIAO 6-Channel Wi-Fi 5V DC Relay with 3D-Printed Enclosure	x1

Compliance & Logistics

HSCODE	8536490090
USHSCODE	8536490050
UPC	
EUHSCODE	8531202090
COO	CHINA

Resource Links

- https://www.seeedstudio.com/6-Channel-Wi-Fi-5V-DC-Relay-p-6373.html
- Thingiverse

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