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SONOFF MINI-D

SONOFF WiFi Mini-D Smart Switch User Manual

Model: MINI-D

1. INTRODUCTION

The SONOFF MINI-D is a compact Wi-Fi smart switch designed for versatile home automation. It features a dry contact output, making it ideal for controlling devices that operate with dry contact signals, such as garage doors, boilers, and low-power DC motors/solenoid valves. This device supports both AC and DC input for flexible installation and is compatible with the Matter protocol, allowing seamless integration into various smart home ecosystems like Home Assistant, Alexa, Google Home, and Apple Home.



Figure 1.1: SONOFF MINI-D Smart Switch and its mobile application interface.

2. SAFETY INFORMATION

WARNING: ELECTRIC SHOCK HAZARD! All works on the device may be performed only by a qualified and licensed electrician. Any maintenance introducing changes into the configuration of connections or the load must be always performed with disconnected voltage (disable the fuse).

- Ensure power is disconnected before installation or maintenance.
- The MINI-D input cannot be connected to both AC and DC simultaneously. Choose either AC or DC for the input,

but not both at the same time.

- MINI-D outputs are not suitable for AC circuits when controlling DC low-power motors/solenoid valves.
- Do not exceed the maximum load capacity of 8W for DC low-power motors/solenoid valves.
- Keep the device away from water and high humidity environments.

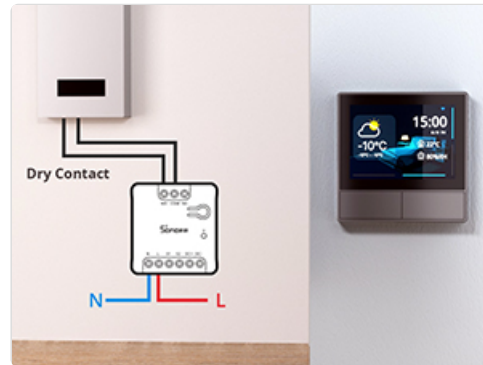


Figure 2.1: Example wiring for dry contact output, emphasizing safety precautions.

3. PRODUCT OVERVIEW

The SONOFF MINI-D is a compact smart switch designed for integration into existing electrical systems. It features terminals for power input (N, L for AC; DC+, DC- for DC), and dry contact output (NO, COM, NC) for controlling external devices. It also includes S1 and S2 terminals for connecting external switches.



Figure 3.1: Physical dimensions of the SONOFF MINI-D, showing its compact size (43mm x 41mm x 21.5mm).

Key Features:

- **Dry Contact Output:** Supports Normally Open (NO) and Normally Closed (NC) options.
- **AC/DC Input:** Flexible power input options (100-240V AC or 12-48V DC).
- **Matter Protocol Support:** Integrates with Matter-enabled smart home systems via a Matter hub.
- **Low-Power DC Motor/Solenoid Valve Support:** Controls devices up to 8W.
- **Compact Design:** Small form factor for easy installation in various locations.

4. INSTALLATION

Before proceeding with installation, ensure the main power supply is turned off at the circuit breaker to prevent electric shock.

4.1 Wiring Diagram

The SONOFF MINI-D supports both AC and DC power inputs. The dry contact output terminals (NO, COM, NC) are used to connect to the device you wish to control.

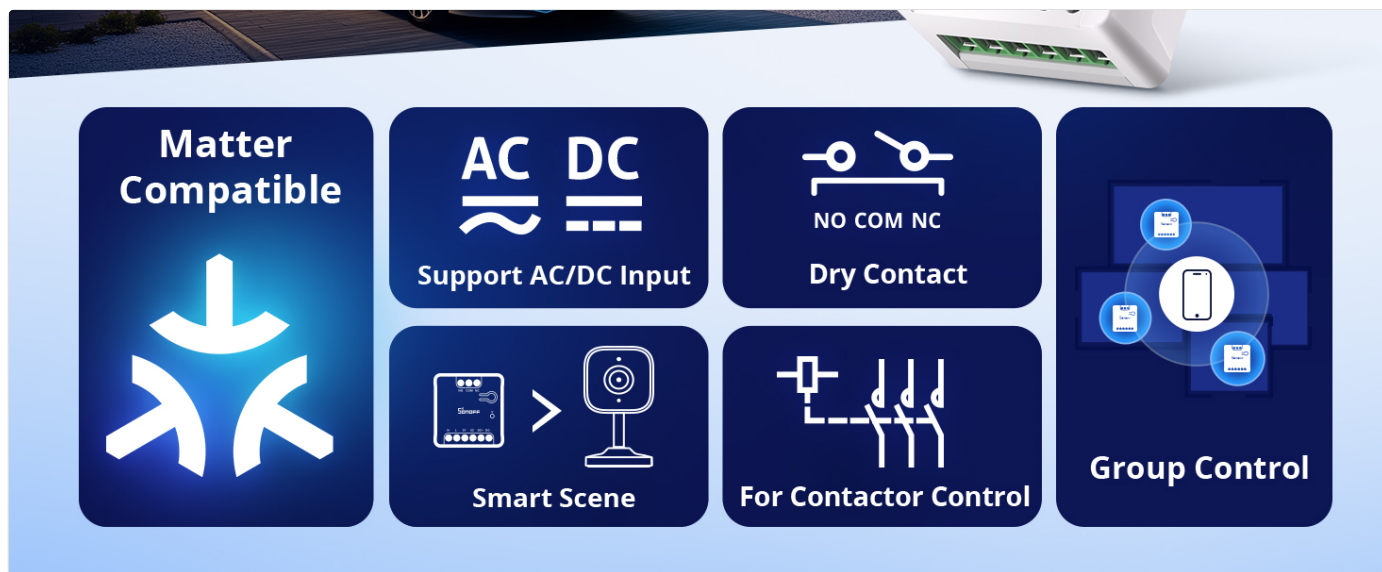


Figure 4.1: Wiring options for AC (100-240V) and DC (12-48V) input, showing dry contact output connections. Note: AC and DC inputs cannot be used simultaneously.

For controlling devices like garage doors or boilers that use dry contact signals, connect the device's control wires to the NO (Normally Open) and COM (Common) terminals of the MINI-D. If your application requires a Normally Closed contact, use the NC (Normally Closed) and COM terminals.

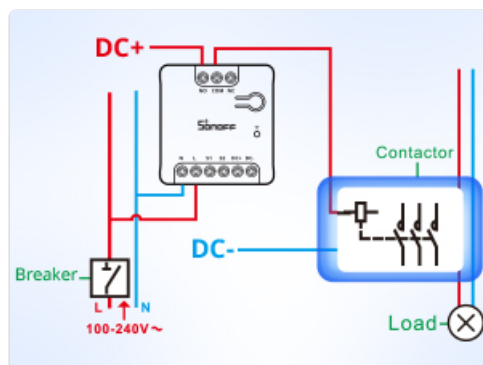


Figure 4.2: Wiring example for controlling a contactor using the MINI-D's dry contact output.

5. SETUP (APP INTEGRATION)

The SONOFF MINI-D can be controlled via the eWeLink app and integrated into Matter-compatible smart home systems.

5.1 Adding Device to eWeLink App

1. Power on the MINI-D.
2. Open the eWeLink app on your smartphone.
3. Tap the "+" icon to add a new device.
4. Select "Scan" and scan the QR code located on the MINI-D device.
5. Follow the on-screen prompts to connect the device to your Wi-Fi network. Ensure your Wi-Fi is 2.4GHz.
6. Once connected, the device will appear in your eWeLink app.

Your browser does not support the video tag.

Video 5.1: Quick guide on adding the SONOFF MINI-D Smart Switch to the eWeLink app.

5.2 Matter Protocol Integration

The SONOFF MINI-D supports the Matter protocol for broader smart home compatibility. To integrate with Matter-enabled systems (e.g., Home Assistant, Alexa, Google Home, Apple Home), a Matter hub is required.

- Ensure your Matter hub is set up and connected to your network.
- Follow the specific instructions provided by your Matter hub's manufacturer for adding new Matter devices.
- The MINI-D's QR code can be used for Matter pairing.
- Update your smart home apps to the latest version for optimal Matter compatibility.

DC Low-Power Motor/ Solenoid Valve (8W MAX)

- DC Low-Power Motor/Solenoid Valve Support (Max 8W)
- Optimize efficiency in smart irrigation systems.

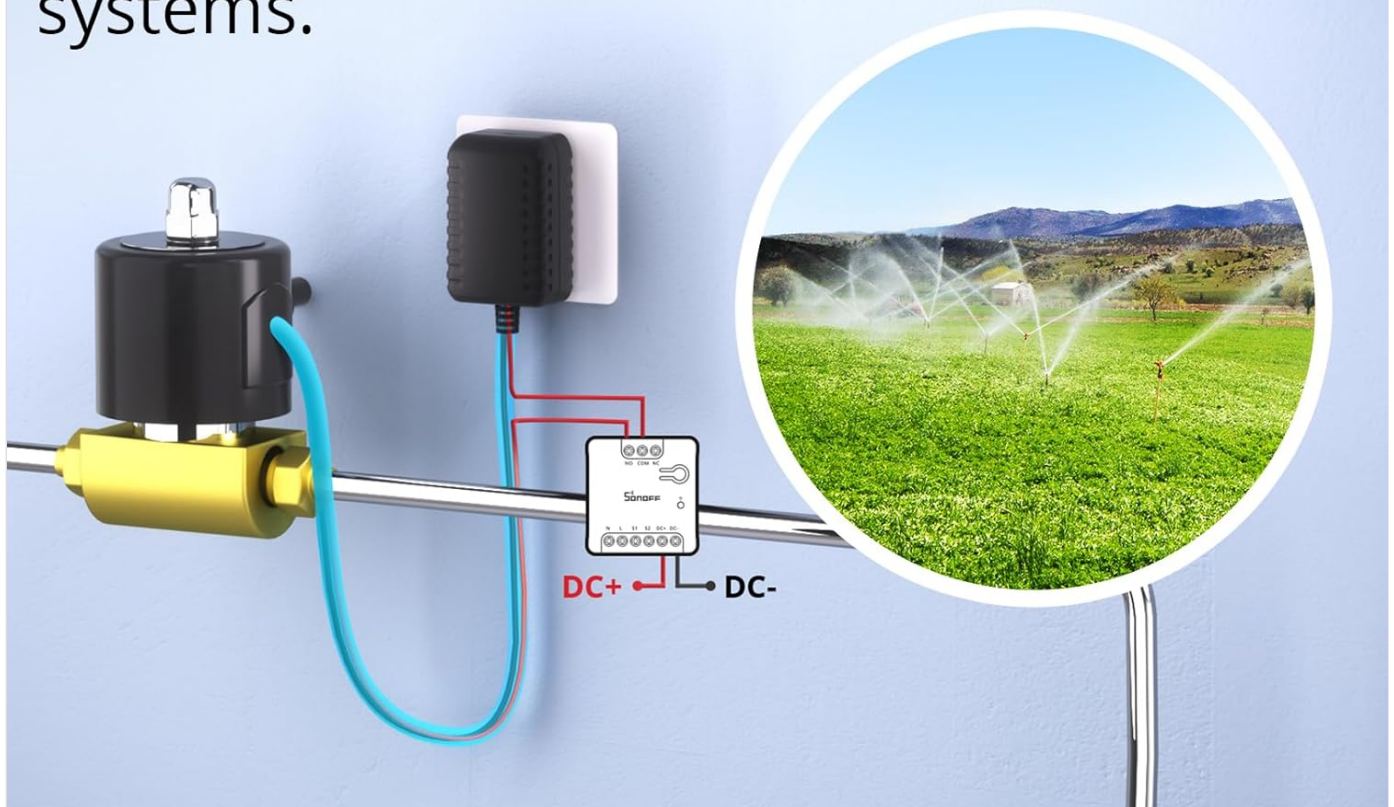


Figure 5.1: The SONOFF MINI-D requires a Matter hub for integration into Matter ecosystems.

Cross-Platform Compatibility

Matter is designed to work across different platforms, including major operating systems and ecosystems like Amazon Alexa ,Google Home, and Apple Home.



Figure 5.2: Matter enables cross-platform compatibility for the MINI-D across major smart home platforms.

6. OPERATING INSTRUCTIONS

The SONOFF MINI-D can be controlled remotely via the eWeLink app or through integrated smart home platforms. It offers various functionalities depending on the connected device.

6.1 Garage Door Automation

The MINI-D can automate garage doors that use pulse-type signals. An "Inching" setting is required for this application.

1. Connect the MINI-D to your garage door motor's control terminals (typically the wall switch terminals).
2. In the eWeLink app, navigate to the MINI-D device settings.
3. Enable "Inching Settings" and set the duration (e.g., 0.5 seconds for a brief pulse).
4. You can now control your garage door remotely via the app.

Garage Door

- Compatible with various garage door systems.
- Pulse-type garage door motors require an "Inching" setting.



Figure 6.1: The MINI-D is compatible with various garage door systems, requiring an "Inching" setting for pulse-type motors.

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Video 6.1: Detailed tutorial on how to automate your garage door using the SONOFF MINI-D.

Control and Monitor Your Garage Door from Anywhere



Figure 6.2: Control and monitor your garage door remotely using the MINI-D, optionally paired with a compatible camera like Cam-S2 for visual confirmation.

6.2 DC Low-Power Motor/Solenoid Valve Control

The MINI-D is suitable for controlling small DC motors and solenoid valves up to 8W. This is useful for applications like smart irrigation systems.

1. Connect the DC low-power motor or solenoid valve to the DC+ and DC- terminals of the MINI-D.
2. Ensure the power supply for the MINI-D is appropriate (12-48V DC).
3. Use the eWeLink app to toggle the connected device on or off.

Requires a Matter Hub for Matter Ecosystem



*Please update your smart home apps to the latest version.

*For detailed information on Matter-compatible hubs, please refer to the official websites of the third-party platforms you are considering.

Figure 6.3: Connection diagram for a DC low-power motor or solenoid valve with the MINI-D, supporting up to 8W.

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Video 6.2: Tutorial on converting a DC low-power motor for smart control using the SONOFF MINI-D.

6.3 HVAC System Automation (Boilers)

The MINI-D can be integrated with boiler equipment featuring dry contact input to enhance comfort and energy efficiency.

1. Connect the MINI-D's dry contact output (NO/COM) to the boiler's thermostat input terminals.
2. You can use the eWeLink app to schedule boiler operation or integrate it with other smart devices for automated control, such as a thermostat.

HVAC System

- Compatible with boiler equipment featuring dry contact input.
- Enhance comfort and energy efficiency.



Figure 6.4: The MINI-D is compatible with boiler equipment featuring dry contact input for enhanced control.

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Video 6.3: Guide on how to build a thermostat automation system using the SONOFF MINI-D.

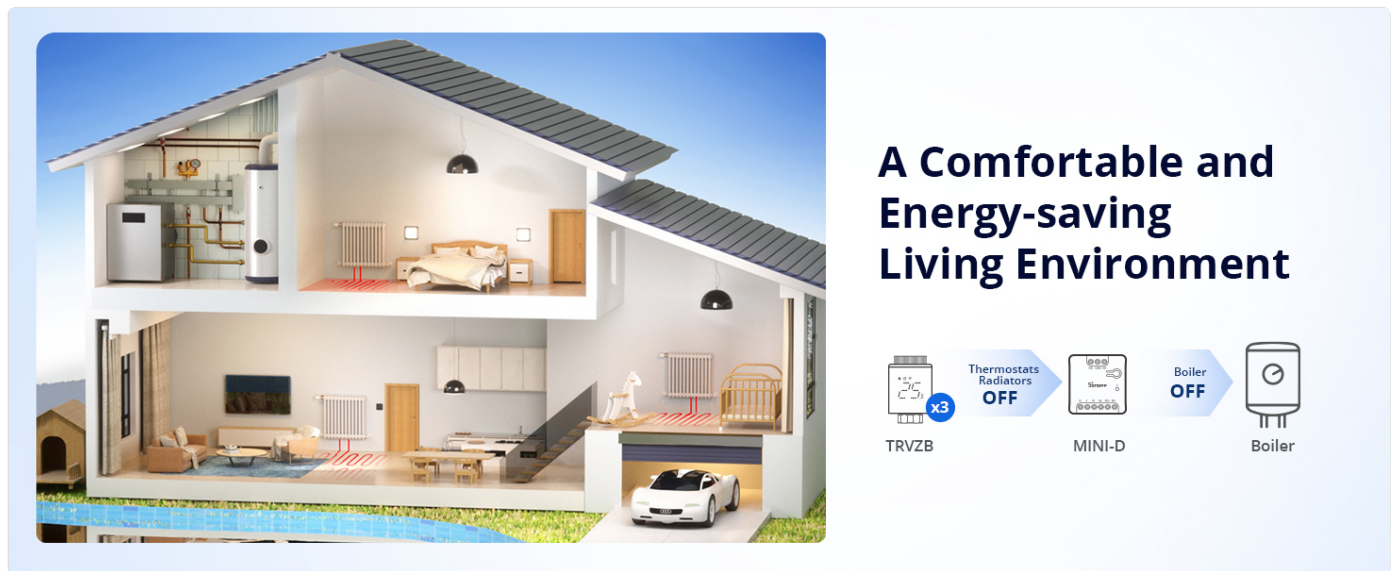


Figure 6.5: Example of a thermostat automation system using MINI-D for a comfortable and energy-saving home environment.

7. MAINTENANCE

To ensure optimal performance and longevity of your SONOFF MINI-D Smart Switch, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Regularly check for and install firmware updates via the eWeLink app to ensure the latest features and security patches.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- **Connection Check:** Periodically check wiring connections to ensure they are secure and free from corrosion.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device offline in app	No power, Wi-Fi disconnected, poor Wi-Fi signal.	Check power supply. Verify Wi-Fi connection and signal strength. Restart router and device.
Cannot pair device	Incorrect Wi-Fi password, 5GHz Wi-Fi, device not in pairing mode.	Ensure 2.4GHz Wi-Fi. Double-check password. Long-press button for 5 seconds to enter pairing mode.
Device not responding to commands	Incorrect wiring, device overload, internal fault.	Verify wiring according to diagrams. Check load specifications. Contact support if issues persist.
Garage door not fully opening/closing	Inching duration incorrect.	Adjust "Inching" duration in app settings (e.g., 0.5s to 2s) to match garage door motor requirements.

9. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model	MINI-D
Input Voltage	100-240V AC (50/60Hz 0.1A Max) OR 12-48V DC (1A Max)
Output (Dry Contact)	24V DC, 2A Max Resistive Load OR 12/24V DC, 8W Max (for low-power motors/solenoid valves)
Wi-Fi Standard	IEEE 802.11 b/g/n 2.4GHz
Operating Temperature	-10°C to 40°C (14°F to 104°F)
Dimensions (L x W x H)	1.61 x 1.69 x 0.85 inches (41 x 43 x 21.5 mm)
Casing Material	PC
International Protection Rating	IP00

10. WARRANTY AND SUPPORT

SONOFF provides professional support and after-sales service for its customers. For warranty information, technical assistance, or further inquiries, please refer to the official SONOFF website or contact their customer service directly.

- **Website:** sonoff.tech
- **Service Email:** support@itead.cc

Note: Product specifications and features are subject to change without prior notice.



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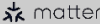
Related Documents - MINI-D

SONOFF MINI Dry Wi-Fi Smart Switch (Dry Contact Relay) Product Preview Manual (VIP version) Hi, We are glad to see you are interested in our product. This manual provides a detailed introduction to the product, including its features, specifications, and installation instructions. It is designed to help you understand the product and its capabilities. We hope you find it helpful. Best regards, Sonoff	SONOFF MINI Dry Wi-Fi Smart Switch (MINI-D): User Manual & Installation Guide Comprehensive guide to the SONOFF MINI Dry Wi-Fi Smart Switch (MINI-D), covering features, specifications, installation, wiring, and device pairing for smart home automation.
User Manual (MINI-DIEN)  Hi, This is a user manual for the Sonoff MINI-D Wi-Fi Smart Switch. It provides detailed information about the product, including its features, specifications, installation, and operation. This smart switch supports AC/DC power, dry contact output, Matter protocol, and voice control. Best regards, Sonoff	Sonoff MINI-D Wi-Fi Smart Switch User Manual User manual for the Sonoff MINI-D Wi-Fi Smart Switch, detailing its features, specifications, installation, and operation. This smart switch supports AC/DC power, dry contact output, Matter protocol, and voice control.

	Sonoff MINI-D Wi-Fi Smart Switch User Manual User manual for the Sonoff MINI-D Wi-Fi Smart Switch, detailing its features, specifications, installation, wiring, and operation.
	Sonoff MINI-D Wi-Fi Smart Switch User Manual Comprehensive user manual for the Sonoff MINI-D Wi-Fi dry contact smart switch, covering installation, wiring, operation, Matter and eWeLink app pairing, and specifications.
	SONOFF MINI-D Wi-Fi Smart Switch User Manual & Installation Guide Comprehensive user manual for the SONOFF MINI-D Wi-Fi dry contact smart switch. Learn about its features, installation, wiring, Matter integration, specifications, and troubleshooting.
	B&D Residential Sectional Doors - Product Comparison and Specifications Explore the range of B&D Residential Sectional Doors, including Panelift Icon, Panelift, Storm-Shield, and Windpanel models. View detailed specifications, features, and installation requirements for each door type.

Documents - SONOFF – MINI-D





WiFi přepínač SONOFF MINI-D
Matter (AC/DC 12-48V, bezpo-
tenciálový kontakt)

Návod k obsluze

[\[pdf\]](#) User Manual

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WiFi pepnac SONOFF **MINI-D** Matter AC/DC 12-48V, bezpotencilov kontakt Nvod k obsluze vod **MINI-D** je inteligentn bezdotykov Wi-Fi pepnac, kter podporuje napjen AC/DC . Mze bt pouzit k ovdn motor, garzovch vrat a dalsch zazen s beznapovm vstupem. Nabz vzdlen ovdn, hlasov ovdn a dals funkce proste...

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User Manual MINI-D(EN)



Wi-Fi Smart Switch

User Manual V1.0

Introduction

MINI-D is a Wi-Fi dry contact smart switch that supports AC/DC power supply. It can be used to control motors, garage doors, and other dry contact input devices, offering remote control, voice control, and other functions through APP. It also supports the Matter protocol, allowing seamless integration with smart devices from other brands to build your home automation system.



[Sonoff MINI-D Wi-Fi Smart Switch User Manual](#)

User manual for the Sonoff MINI-D Wi-Fi Smart Switch, detailing its features, specifications, installation, and operation. This smart switch supports AC/DC power, dry contact output, Matter protocol, and voice control.

lang:en score:28 filesize: 475.16 K page_count: 15 document date: 2025-07-28

[SONOFF MINI-D Quick Start Guide](#)

A quick start guide for the SONOFF MINI-D Wi-Fi Smart Switch, detailing its features, installation, and usage.

lang:nl score:27 filesize: 1.71 M page_count: 1 document date: 2024-09-11

User Manual MINI-D(EN)



Wi-Fi Smart Switch

User Manual V1.0

Introduction

MINI-D is a Wi-Fi dry contact smart switch that supports AC/DC power supply. It can be used to control motors, garage doors, and other dry contact input devices, offering remote control, voice control, and other functions through APP. It also supports the Matter protocol, allowing seamless integration with smart devices from other brands to build your home automation system.



[SONOFF MINI-D Wi-Fi Smart Switch User Manual & Installation Guide](#)

Comprehensive user manual for the SONOFF MINI-D Wi-Fi dry contact smart switch. Learn about its features, installation, wiring, Matter integration, specifications, and troubleshooting.

lang:en score:26 filesize: 6.38 M page_count: 15 document date: 2024-11-27

User Manual MINI-D(EN)



Wi-Fi Smart Switch

User Manual V1.0

Introduction

MINI-D is a Wi-Fi dry contact smart switch that supports AC/DC power supply. It can be used to control motors, garage doors, and other dry contact input devices, offering remote control, voice control, and other functions through APP. It also supports the Matter protocol, allowing seamless integration with smart devices from other brands to build your home automation system.



[Sonoff MINI-D Wi-Fi Smart Switch User Manual](#)

User manual for the Sonoff MINI-D Wi-Fi Smart Switch, detailing its features, specifications, installation, wiring, and operation.

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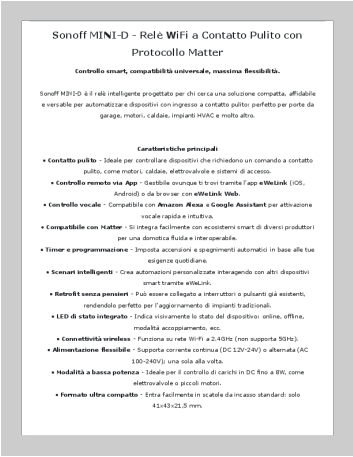


[pdf] User Manual

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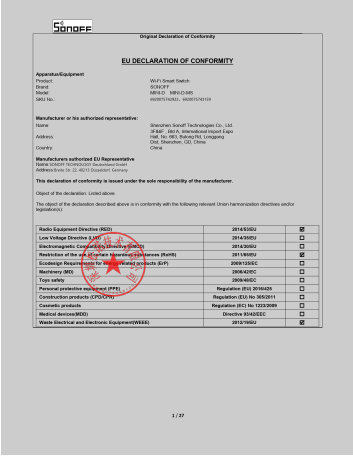


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Sonoff **MINI-D** - Rel WiFi a Contatto Pulito con Protocollo Matter Controllo smart, compatibilit universale, massima flessibilit. Sonoff **MINI-D** il rel intelligente progettato per chi cerca una soluzione compatta, affidabile e versatile per automatizzare dispositivi con ingresso a contatto pulito: per...

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[pdf] Declaration of Conformity

Ryan G H Yang SONOFF MINI D CE DoC Compliance Official 1822 sonoff tech 2025 05 ||| Original Declaration of Conformity Apparatus/Equipment Product: Brand: Model: SKU No.: EU DECLARATION OF CONFORMITY Wi-Fi Smart Switch SONOFF **MINI-D** **MINI-D-MS** 69200757429236920075743159 Manufacturer or his authorized representative: Name: Address: Country: Shenzhen Sonoff Technologies Co., Ltd. ...

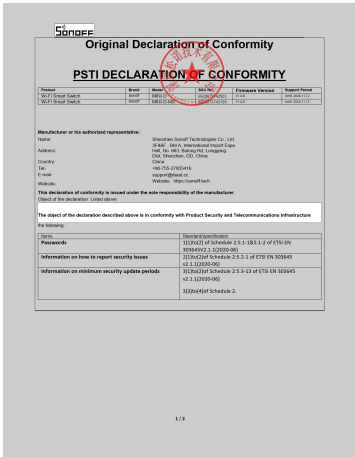
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[Sonoff MINI-D Wi-Fi Smart Switch User Manual](#)

Comprehensive user manual for the Sonoff MINI-D Wi-Fi dry contact smart switch, covering installation, wiring, operation, Matter and eWeLink app pairing, and specifications.

lang:en score:23 filesize: 819.13 K page_count: 15 document date: 2025-01-22



[\[pdf\] Specifications Declaration of Conformity](#)

Ryan G H Yang SONOFF MINI D PSTI DoC Compliance Official DoC1 sonoff tech 2025 05 |||

Original Declaration of Conformity PSTI DECLARATION OF CONFORMITY Product Wi-Fi Smart Switch Wi-Fi Smart Switch Brand Sonoff Sonoff Model **MINI-D MINI-D-MS** SKU No 6920075742923 6920075743159 Firmware Version V1.0.0 V1.0.0 Support Period Until 2026.11.12 Until 2026.11.12 Manufacturer or his au...

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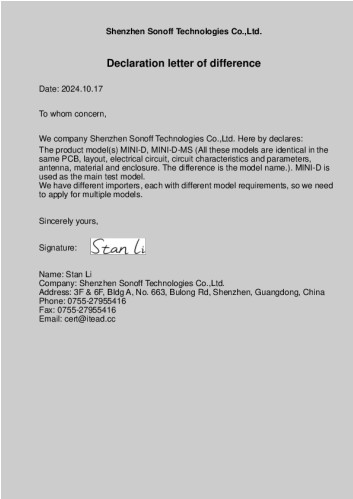


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Uživatelský manuál MINI D EN Zavedení sonoff mini d mysmarthome cz user related files |||

Pelozeno z anglictina do cestina - www.onlinedoctranslator.com Uzivatelsk manu **MINI-D** EN Wi-Fi Smart Switch Uzivatelsk prucka V1.0 Zaveden **MINI-D** je Wi-Fi bezkontaktn chytr spnac, kter podporuje AC/DC napjen. Lze jej pouzt k ovldn motor, garzovch vrat a dalsch vstupnch zazen se suchm kontaktem ...

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[pdf] Declaration of Conformity

hss Model different letter Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d Shenzhen Sonoff Technologies Co.,Ltd. Declaration letter of difference Date: 2024.10.17 To whom concern, We company Shenzhen Sonoff Technologies Co.,Ltd. Here by declares: The product model s **MINI-D**, **MINI-D-MS** All these models are identical in the same PCB, layout, electrical circuit, circuit char... lang:tl score:22 filesize: 17.54 K page_count: 1 document date: 2024-10-17



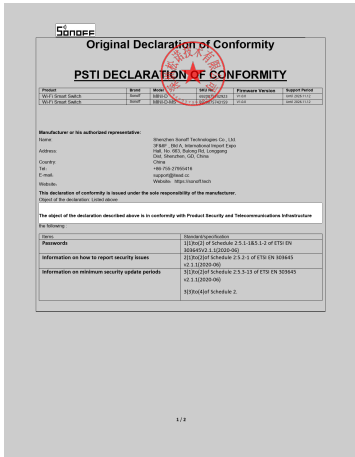
SONOFF MINI-D Wi-Fi Smart Switch EU Declaration of Conformity

Official EU Declaration of Conformity for the SONOFF MINI-D Wi-Fi Smart Switch, detailing compliance with relevant EU directives and harmonized standards. lang:en score:21 filesize: 360.88 K page_count: 9 document date: 2025-07-29



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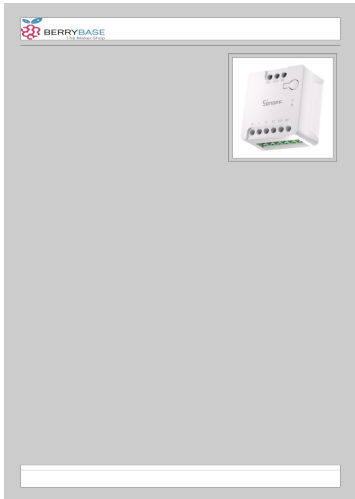
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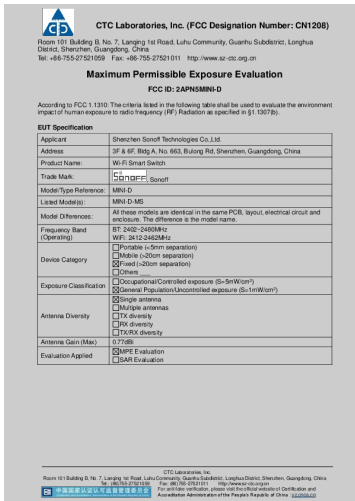
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Original Declaration of Conformity PSTI DECLARATION OF CONFORMITY Product Wi-Fi Smart Switch Wi-Fi Smart Switch Brand Sonoff Sonoff Model **MINI-D MINI-D-** MS SKU No 6920075742923 6920075743159 Firmware Version V1.0.0 V1.0.0 Support Period Until 2026.11.12 Until 2026.11.12 Manufacturer or his au... lang:en score:21 filesize: 220.93 K page_count: 2 document date: 2024-11-12



[pdf] Datasheet

Datasheet for Sonoff MINI D Smart Switch Matter Schaltaktor potentialfreier Kontakt 12 48V WiFi Der SONOFF ist ein kompakter Schalter mit potenzialfreiem dem du eine Vielzahl von Home Geräten steuern kannst SON MINID berrybase de en product datasheet 0195b452a22a72fba3a84501bcab337e create srsLtd AfmBOoof3LhysEEEilixPn KLHIM z1btnezCbpedaT23przhy2 bzY1 ||| Datasheet for Sonoff **MINI-D** Smart Switch, Matter Schaltaktor, potentialfreier Kontakt, 12-48V, WiFi Sonoff **MINI-D** Smart Switch, Matter Schaltaktor, potentialfreier Kontakt, 1248V, WiFi Der SONOFF **MINI-D** ist ein kompakter WiFi-Schalter mit potenzialfreiem Kontakt, mit dem du eine Vielzahl von Smart... lang:de score:21 filesize: 462.72 K page_count: 3 document date: 2025-06-16



[pdf] Specifications SAR Rating

Measurement Report Kent RF Exposure Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d CTC Laboratories, Inc. FCC Designation Number: CN1208 Room 101 Building B, No. 7, Lanqing 1st Roa ... ax: 86-755-27521011 http://www.sz-ctc.org.cn Maximum Permissible Exposure Evaluation FCC ID: 2APN5**MINI-D** According to FCC 1.1310: The criteria listed in the following table shall be used to evaluat... lang:en score:21 filesize: 153.04 K page_count: 2 document date: 2024-10-17

Uživatelská Příručka MINI-D(EN)



Wi-Fi chytrý spínač

Úvod

MINI-D je Wi-Fi suchý kontaktní chytrý spínač, který podporuje AC/DC napájení. Může být použit k ovládnutí motorů, garážových vrat a dalších zařízení s suchým kontaktem, nabízí dálkové ovládání, hlasové ovládání a další funkce prostřednictvím aplikace. Také podporuje protokol Matter, což umožňuje bezproblémovou integraci s chytrými zařízeními od jiných značek pro vytvoření vašeho systému domovní automatizace.



[pdf] User Manual

Uživatelská Příručka MINI D EN pirms 1 dienas — Tento vysílač nesmí být umístěn v blízkosti nebo provozován ve spojení s jakoukoli jinou anténou vysílačem FCC ID 2APN5MINI Při běžném používání user manual mini d matter cz smart switch related files |||

UzivatelskPrucka **MINI-D** EN Wi-Fi chytr spnac Uzivatelsk prucka V1.0 vod **MINI-D** je Wi-Fi such kontaktov chytr spnac, kter podporuje AC/DC napjen. Mze bt pouzit k ovldn motor, garzovch vrat a dalsch zazen s suchm kontaktem, nabz dlkov ovl dn, hlasov ovldn a dals funkce prostrednictvm aplikace. Tak p...

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[pdf] Test Report

Measurement Report Kent Test report BLE Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d

CTC Laboratories, Inc. Room 101 Building B, No. 7, Lanqing 1st Road, Luh Community, Guanhu Subdistr ... : CTC2024198305 FCC

ID..... : 2APN5**MINI-D** Applicant

Address.....

lang:en **score:19** filesize: 3.14 M page_count: 40 document date: 2024-10-16

Uživatelský manuál MINI-D(EN)



Wi-Fi Smart Switch

Zavěšení

MINI-D je Wi-Fi suchý kontaktní chytrý spínač, který podporuje AC/DC napájení. Může být použit k ovládnutí motorů, garážových vrat a dalších zařízení s suchým kontaktem, nabízí dálkové ovládání, hlasové ovládání a další funkce prostřednictvím aplikace. Také podporuje protokol Matter, což umožňuje bezproblémovou integraci s chytrými zařízeními od jiných značek pro vytvoření vašeho systému domovní automatizace.



[pdf] User Manual

Uživatelský manuál MINI D EN 1 giorno fa — 100 240V~ 50 60Hz 0 1A Max NEBO 12 48V μ Dimenze Krytý Wi Fi IEEE 802 11 b g n 2 4 GHz Bílý 5%~95% RH nekondenzující Použitelné místo CE FCC user manual mini den smart switch cz related files |||

Machine Translated by Google Uzivatelsk manul **MINI-D** EN Wi-Fi Smart Switch Uzivatelsk prucka V1.0 Zaveden **MINI-D** je Wi-Fi bezkontaktn chytr spnac, kter podporuje AC/DC napjen. D se na to zvyknout ovldn motor, garzovch vrat a dalsch vstupnch zazen se suchm kontaktem, nabzejc dlkov ovldn, hlas ovl...

lang:it **score:19** filesize: 1.16 M page_count: 15 document date: 2025-01-07

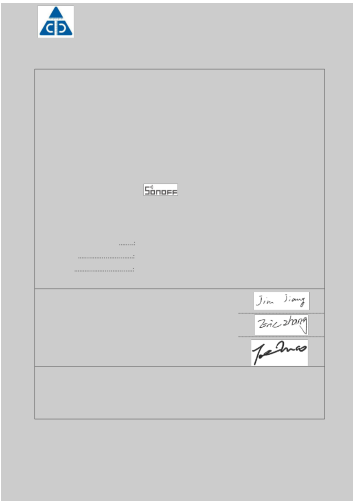
Antenna Specification	
Product description:	Ceramic Antenna
Uni Link's part number:	ANTENNA-2400
Issue Date:	2022-12-24
Note:	2400-2500MHz
Manufacturer: Shenzhen Sonoff Technologies Co., Ltd. Address: 3F & 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China	
1、(PRODUCT TECHNICAL SPECIFICATION)	
Electrical Specifications	
Frequency Range (MHz)	2400-2500
Input Impedance (Ω)	50
V SWR	≤2
Gain (dB)	0.77
Polarization Type	Linear
Power Capacity (w)	5
Mechanical Specifications	
Antenna Length (mm)	3.2mm
Radiator	Copper
Connect Type	Soldering
Working Temp. (°C)	-10~40
Storage Temperature (°C)	-40~85
Antenna size	3.2mmx1.0mm

[pdf] Specifications

SONOFF Antenna specification Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d

Antenna Specification Product description: Ceramic Antenna Uni Link s part number: ANTENNA-2400 Issue Date: 2022-12-24 Note: 2400-2500MHz Manufacturer: Shenzhen Sonoff Technologies Co.,Ltd. Address: 3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China 1PRODUCT TECHNICAL SPECIFICA...

lang:en score:19 filesize: 390.58 K page_count: 3 document date: 2024-10-16

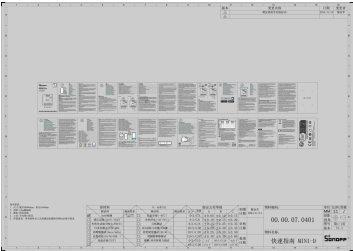


[pdf] Test Report

Measurement Report Kent Test report WiFi part 1 Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d

CTC Laboratories, Inc. Room 101 Building B, No. 7, Lanqing 1st Road, Luh Community, Guanhu Subdistr ... : CTC2024198306 FCC ID..... : 2APN5**MINI-D** Applicant : Address.....

lang:en score:19 filesize: 5.32 M page_count: 62 document date: 2024-10-16



SONOFF MINI-D Wi-Fi Smart Switch Quick Start Guide and Specifications

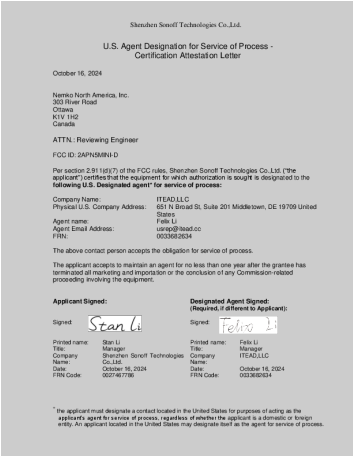
Concise guide for the SONOFF MINI-D Wi-Fi Smart Switch, covering technical requirements, testing, compliance, and usage with the eWeLink app. Features detailed specifications and revision history.

lang:en score:18 filesize: 4.81 M page_count: 1 document date: 2025-02-12



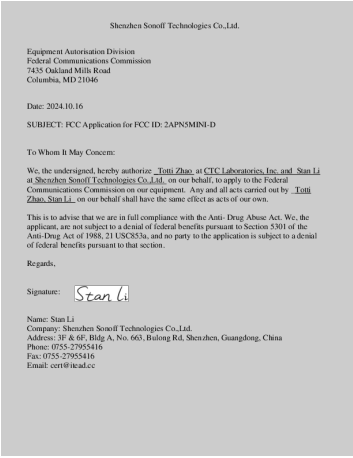
[pdf]

PROJECT NO Debbie Bedard Covered equipment list attestation Shenzhen Sonoff Technologies Co Ltd
MINI D 2APN5MINI 2APN5MINID mini d
Shenzhen Sonoff Technologies Co.,Ltd. Covered Equipment Certification Attestation
Letter 10/16/2024 Nemko North America, Inc. 303 River Road Ottawa K1V 1H2
Canada ATTN.: Reviewing Engineer FCC ID: 2APN5**MINI-D** Shenzhen Sonoff
Technologies Co.,Ltd. the applicant certifies that the equipment for wh...
lang:en score:18 filesize: 68.12 K page_count: 1 document date: 2024-10-23



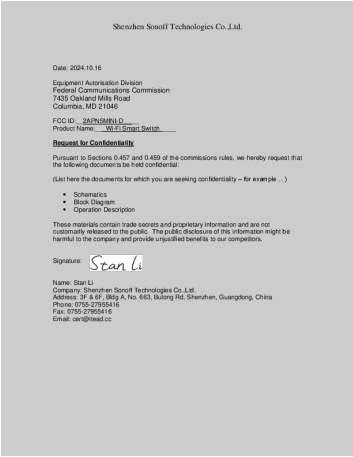
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PROJECT NO Debbie Bedard US agent designation attestation Shenzhen Sonoff Technologies Co Ltd
MINI D 2APN5MINI 2APN5MINID mini d
Shenzhen Sonoff Technologies Co.,Ltd. U.S. Agent Designation for Service of
Process Certification Attestation Letter October 16, 2024 Nemko North America, Inc.
303 River Road Ottawa K1V 1H2 Canada ATTN.: Reviewing Engineer FCC ID:
2APN5**MINI-D** Per section 2.911 d 7 of the FCC rules, Shenzhen So...
lang:en score:18 filesize: 86.77 K page_count: 1 document date: 2024-10-16



[FCC Authorization Letter for Sonoff 2APN5MINI-D](#)

Official authorization letter from Shenzhen Sonoff Technologies Co., Ltd. for FCC
application of the 2APN5MINI-D device, confirming compliance with US regulations.
Document type: FCC Authorization Letter.
lang:en score:18 filesize: 18.23 K page_count: 1 document date: 2024-10-16



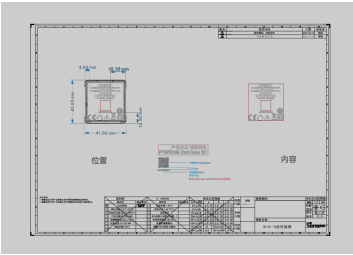
[pdf] Confidentiality Request Letter

Authority to Act as Agent a TCB RUBY DULMAGE Confidentiality request letter Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d
Shenzhen Sonoff Technologies Co.,Ltd. Date: 2024.10.16 Equipment Autorisation Division Federal Communications Commission 7435 Oakland Mills Road Columbia, MD 21046 FCC ID: __2APN5**MINI-D** __ Product Name: __Wi-Fi Smart Switch __ Request for Confidentiality Pursuant to Sections 0.457 and 0.459 of th...
lang:en score:17 filesize: 77.07 K page_count: 1 document date: 2024-10-16



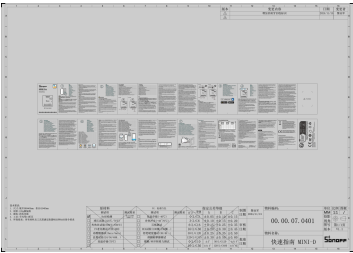
SONOFF MINI-D Wi-Fi Smart Switch: User Manual & Installation Guide

Comprehensive user manual for the SONOFF MINI-D Wi-Fi Smart Switch. Learn about its features, specifications, installation, wiring, and Matter integration for your smart home automation system.
lang:en score:17 filesize: 1.47 M page_count: 87 document date: 2025-05-03



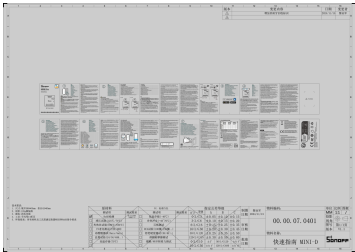
[pdf] Label

MINI D cdr yan Label Shenzhen Sonoff Technologies Co Ltd D 2APN5MINI 2APN5MINID mini d
4.88 mm 15.35 mm 2024.04.19 43.00 mm 10.52 mm 41.00 mm 1 opensanssemibold
sonoff 2024.7.4 M I N I - D ...
lang:en score:17 filesize: 800.97 K page_count: 1 document date: 2024-07-12



[pdf] Guide

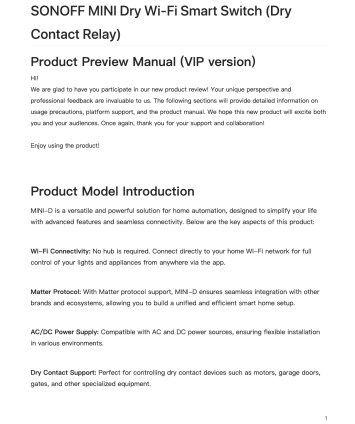
MINI D 588x65mm 105g 14 V1 1 Quick Guide EN Sonoff Dry Wi Fi spínač Matter Pamitech cz
20250210123123 pamitech user documents DP FILES pohoda |||
...
lang:en score:16 filesize: 4.81 M page_count: 1 document date: 2024-11-15



[Sonoff MINI-D Wi-Fi Smart Switch Quick Guide](#)

This document provides a quick guide for the Sonoff MINI-D Wi-Fi Smart Switch, detailing its features, installation, and usage. It includes technical specifications, safety warnings, and compliance information.

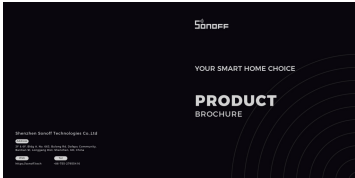
lang:en score:16 filesize: 2.24 M page_count: 1 document date: 2025-01-22



[SONOFF MINI Dry Wi-Fi Smart Switch \(MINI-D\): User Manual & Installation Guide](#)

Comprehensive guide to the SONOFF MINI Dry Wi-Fi Smart Switch (MINI-D), covering features, specifications, installation, wiring, and device pairing for smart home automation.

lang:en score:15 filesize: 2.77 M page_count: 12 document date: 2024-11-04



[SONOFF Product Brochure: Smart Home Automation Devices](#)

Explore the comprehensive SONOFF product brochure, featuring a wide range of smart home automation devices including Wi-Fi and Zigbee switches, plugs, sensors, cameras, and control panels designed for a simpler, smarter life.

lang:en score:15 filesize: 19 M page_count: 53 document date: 2025-09-01



[\[pdf\] Borchure](#)

2024 SONOFF V2024 12 5V 2A 10 0W PC V0 40 5x34 5x21mm 43 1g USB Power Adapter Type I
5VUSB Input Output Casing material Size 1 giorno fa — Thermostat Voice Control
NSPanel EU US 44 Rating Max Load LED load LED Gang Wireless SONOFF Product
Brochure 2025 sonoff tech 04 |||

Shenzhen Sonoff Technologies Co.,Ltd Address 663 A 3F 6F, Bldg A, No. 663,
Bulong Rd, Dafap ... -Gang Wi-Fi IEEE 802.11 b/g/n 2.4GHz PC V0 54x49x24mm
58g TUV/CE/FCC/RoHS DIY SMART SWITCHES DIY **MINI-D** Wi-Fi Smart Switch Wi-
Fi Remote Control NO COM NC Dry Contact Output AC DC Support AC/DC...
lang:en score:15 filesize: 18.6 M page_count: 52 document date: 2024-12-12



[\[pdf\] Datasheet](#)

SONOFF MINI Dry Wi Fi Smart Switch D 2 дня назад — is a Matter enabled smart switch with dry
contact output supporting both NO NC configurations Compatible AC 100 240V Fisa tehnica srsltid
AfmBOoqVNCuYffaojaSbE3LBpnCdK4sfzSihY3kfywxtuFv Rrl Voy spy shop ro media custom upload |||
Data sheet **MINI-D** SONOFF **MINI-D** is a Matter-enabled smart switch with dry
contact output, supporting both NO/NC configurations. Compatible with AC 100240V
and DC 1248V power, it s perfect for smart control of low-voltage devices like garage
doors, boilers, and DC motors 8W . Seamlessly integrat...

lang:tl score:14 filesize: 149.78 K page_count: 1 document date: 2025-07-04



[SONOFF Smart Home Products Brochure | Innovative Automation Solutions](#)

Explore the comprehensive SONOFF product brochure showcasing a wide array of smart home devices, including Wi-Fi and Zigbee switches, plugs, lighting, sensors, and cameras. SONOFF offers quality, innovation, and simple automation for a smarter lifestyle.

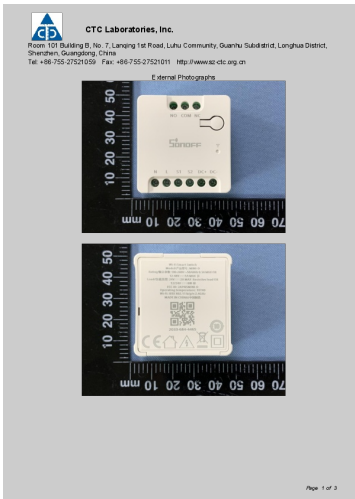
lang:en score:14 filesize: 10.96 M page_count: 52 document date: 2025-04-15



[\[pdf\] User Manual](#)

User Manual MINI D ZH 1 giorno fa — D AC DC Wi Fi APP DZH V1
0 sonoff tech 2025 01 |||
User Manual **MINI-D** ZH Wi-Fi V1.0 **MINI-D**AC/DCWi-Fi APPMatter AC/DC 1 Matter 510 LED Matter Matter 2 MCU 1. **MINI-D** ESP32-D0WDR2 100-240V- 50/60Hz 0.1A Max OR 12-48V1A Max 24V2A Max Resistive load OR 12/24V8W Wi-Fi: IEEE 802.11...

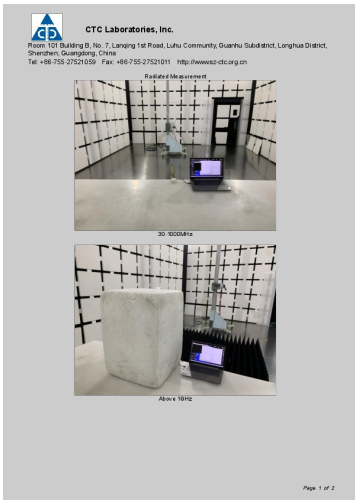
lang:tl score:12 filesize: 7.32 M page_count: 12 document date: 2024-11-27



[\[pdf\] Product Photos](#)

good External photos Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d
CTC Laboratories, Inc. Room 101 Building B, No. 7, Lanqing 1st Road, Luh Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel: 86-755-27521059 Fax: 86-755-27521011 http://www.sz-ctc.org.cn External Photographs Page 1 of 3 Page 2 of 3 Page 3 of 3 ...

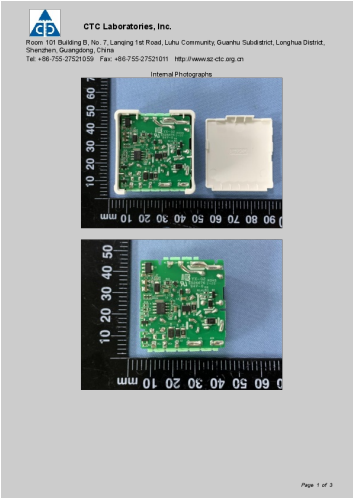
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[\[pdf\]](#)

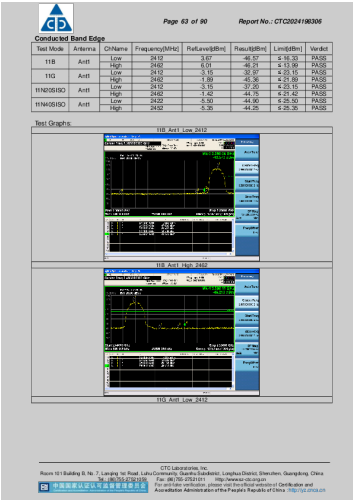
good Test setup Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d
CTC Laboratories, Inc. Room 101 Building B, No. 7, Lanqing 1st Road, Luh Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel: 86-755-27521059 Fax: 86-755-27521011 http://www.sz-ctc.org.cn Radiated Measurement 30-1000MHz Above 1GHz Page 1 of 2 Conducted Measurement ...

lang:tl score:10 filesize: 382.19 K page_count: 2 document date: 2024-09-04



[pdf] Product Photos Teardown

good Internal photos Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d
CTC Laboratories, Inc. Room 101 Building B, No. 7, Lanqing 1st Road, Luh Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel: 86-755-27521059 Fax: 86-755-27521011 http://www.sz-ctc.org.cn Internal Photographs Page 1 of 3 Antenna Page 2 of 3 Page 3 of 3 ...
lang:tl score:10 filesize: 753.17 K page_count: 3 document date: 2024-09-03



[pdf] Test Report

Measurement Report Kent Test report WiFi part 2 Shenzhen Sonoff Technologies Co Ltd MINI D 2APN5MINI 2APN5MINID mini d
Page 63 of 90 Report No.: CTC2024198306 Conducted Band Edge Test Mode
Antenna ChName 11B 11G 11N20SISO 11N40SISO Ant1 Ant1 Ant1 Ant1 Low High
Low High Low High Low High Frequency MHz 2412 2462 2412 2462 2412 2462 2422
2452 RefLevel dBm 3.67 6.01 -3.15 -1.89 -3.15 -1.42 -5.50 -5.35 Result ...
lang:en score:9 filesize: 5.31 M page_count: 28 document date: 2024-10-16