

User Manual NSPanel Pro-120 (EN)



Smart Home Control Panel

User Manual V1.0

Introduction

NSPanel Pro is a smart scene control panel integrating touch screen, Zigbee hub and smart security feature. You can control the devices by adding them as widgets on the panel, add various Zigbee sub-devices through the built-in Zigbee gateway, set 3 security modes to guard your home and view the live view on the panel through an added camera.



Built-in Zigbee Hub



Smart Home Control



Alarm Clock Setting



Smart Scenes



View Camera Live



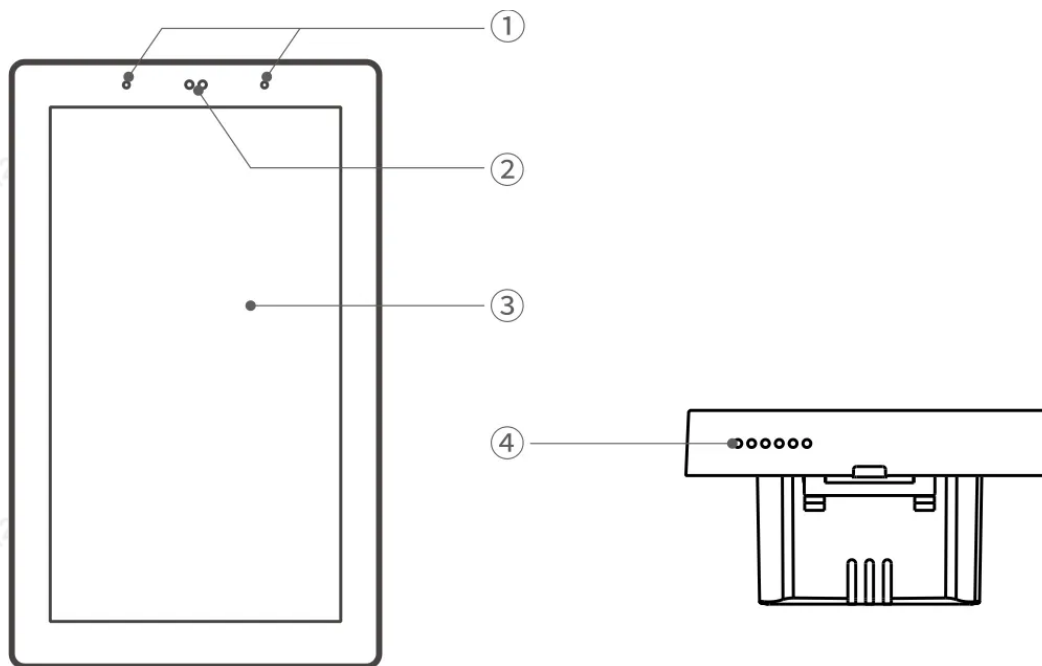
Home Security



Arm/Disarm



Wallpaper Theme
Switching



① Microphone

② Light sensor

③ Screen

④ Speaker

Compatible Voice Assistants



Specification

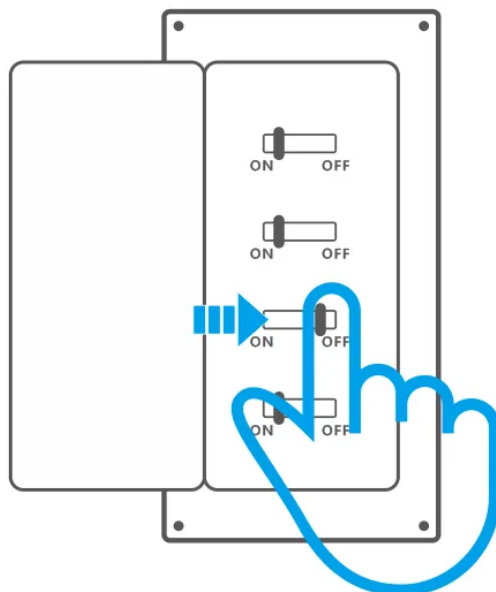
Model	NSPanel120PW, NSPanel120PB
CPU	Quad-core ARM Cortex-A35 CPU
GPU	Mali G31-2EE GPU
Soc	RK3326-S

Rating	100–240V~ 50/60Hz 5W MAX,150mA MAX
Wireless connectivity	Wi-Fi IEEE 802.11 b/g/n 2.4GHz, Zigbee 3.0
Screen size	4.7" (Capacitive touch panel)
Screen resolution	750x1334
Touch control	support multi-touch
Audio output	7Ω, 1W speaker
Microphone	Two channels digital microphones
Light sensor	Adjust brightness according to ambient light automatically (ICC light sensor)
Net weight	221g
Applicable place	Indoor
Working temperature	0°C–40°C
Working humidity	5%~90% RH, non-condensing
Working height	Less than 2000m
Color	NSPanel86PW: White, NSPanel86PB: Dim Gray
Product dimension	122.5x74.5x39.5mm
Casing materials	PC+CRS
Certification	CE/FCC/ISED/RoHS
Executive standard	EN 62368–1

*This product is only suitable for safe use at altitudes below 2000m.

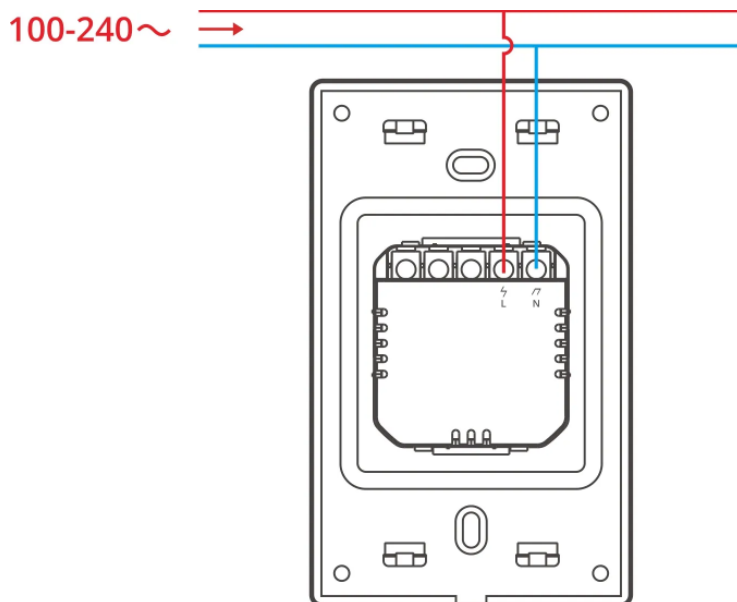
Installation

1. Power off



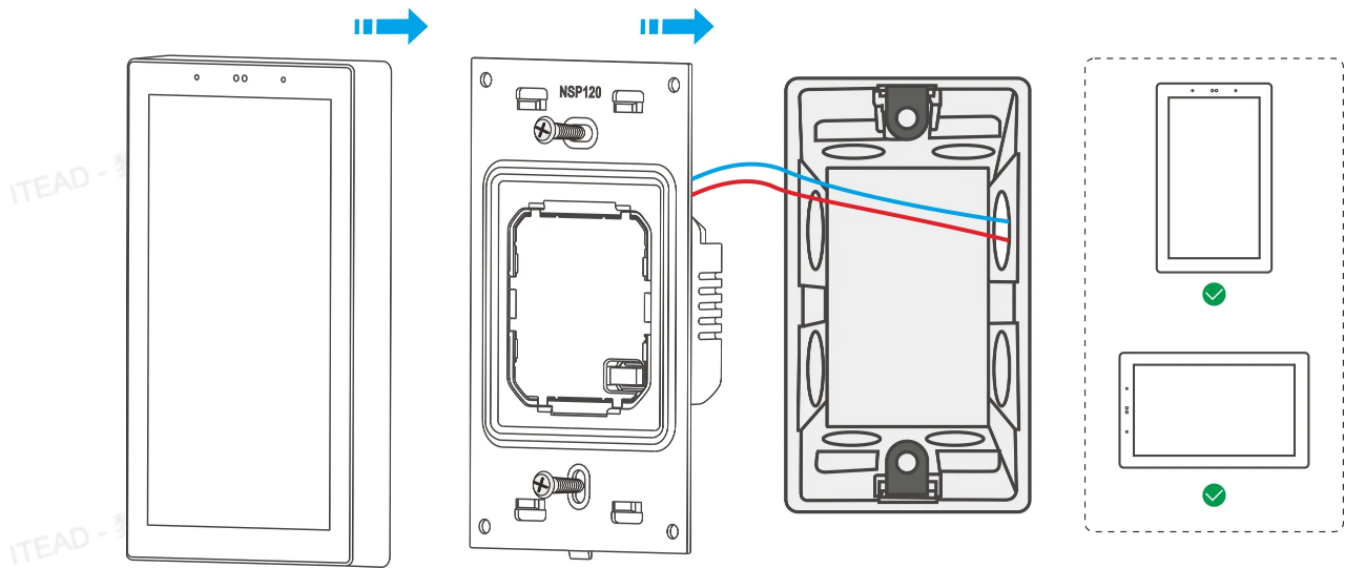
Warning: Please install and maintain the device by a professional electrician. To avoid electric shock hazards, do not operate any connection or contact the terminal connector while the device is powered on!

2. Wiring instruction



* Make sure all wires are connected correctly.

3. Installation



*The product should be installed in the concrete wall or other non-combustible location.

*A suitable circuit breaker in accordance with Annex L of standard IEC/UL/CSA/EN 62368-1 shall be incorporated in the electrical installation of the building. A suitable circuit breaker shall be provided as part of the building installation.

Log In to eWeLink Account

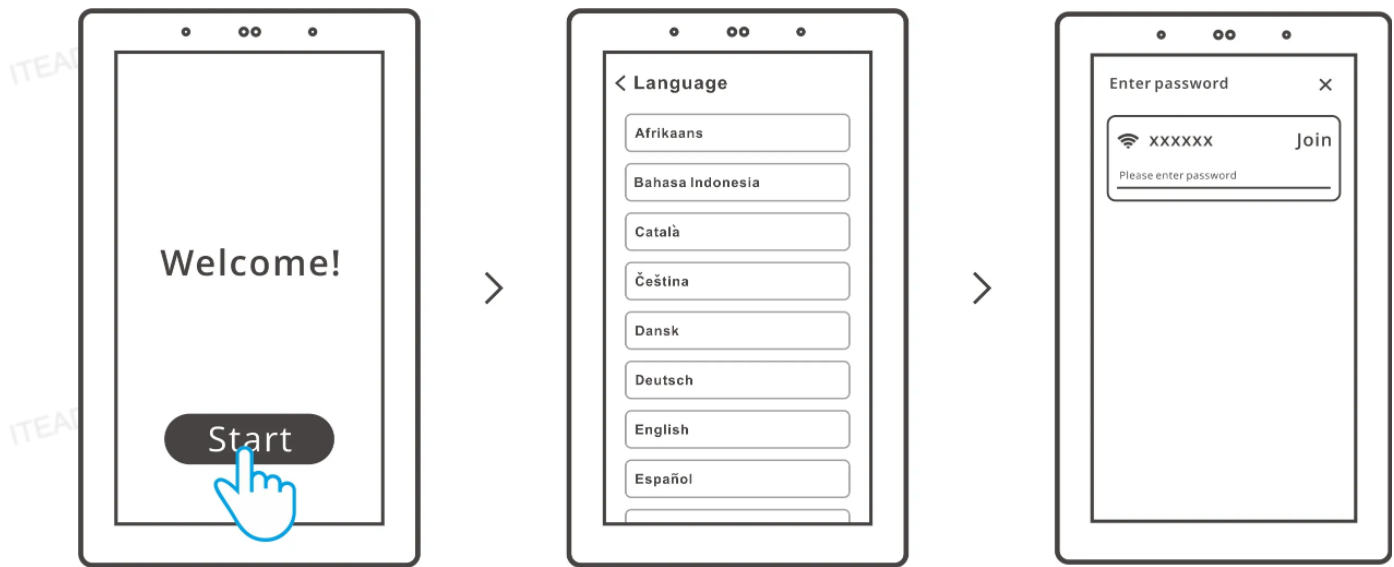
1. Download the "eWeLink" App

Please download the "eWeLink" App from **Google Play Store** or **Apple App Store**.



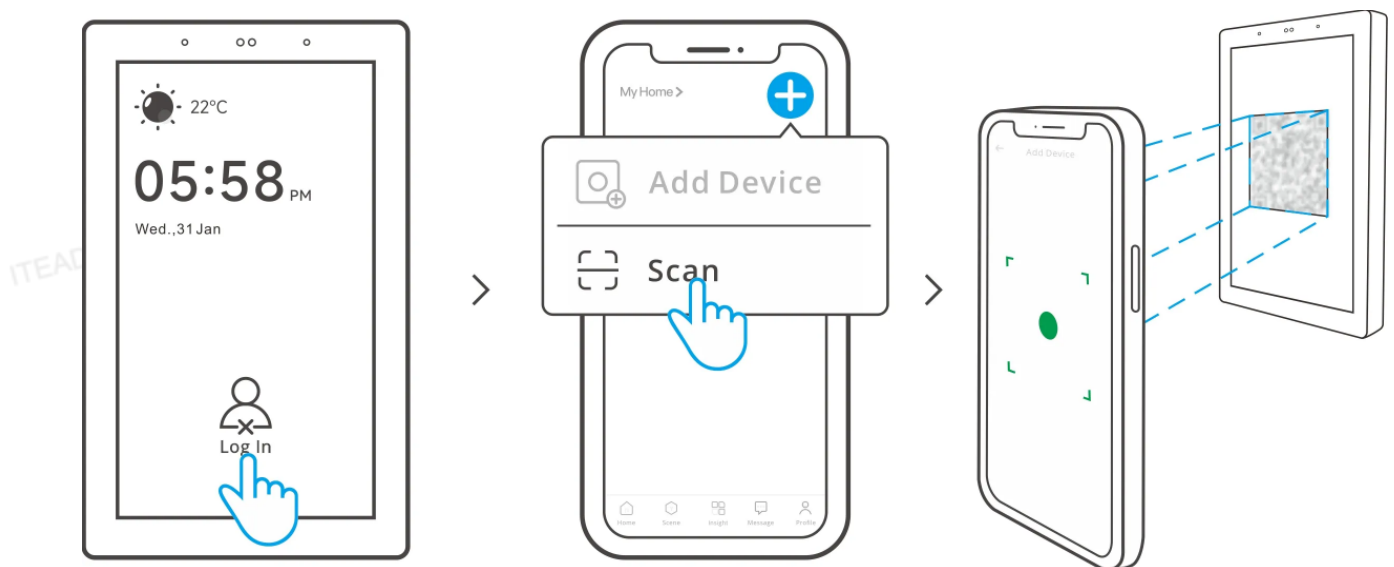
2. Power on

After powering on, click "Start," choose the language and region, and then select Wi-Fi and input the password to enter the device's main interface.



3. Log in

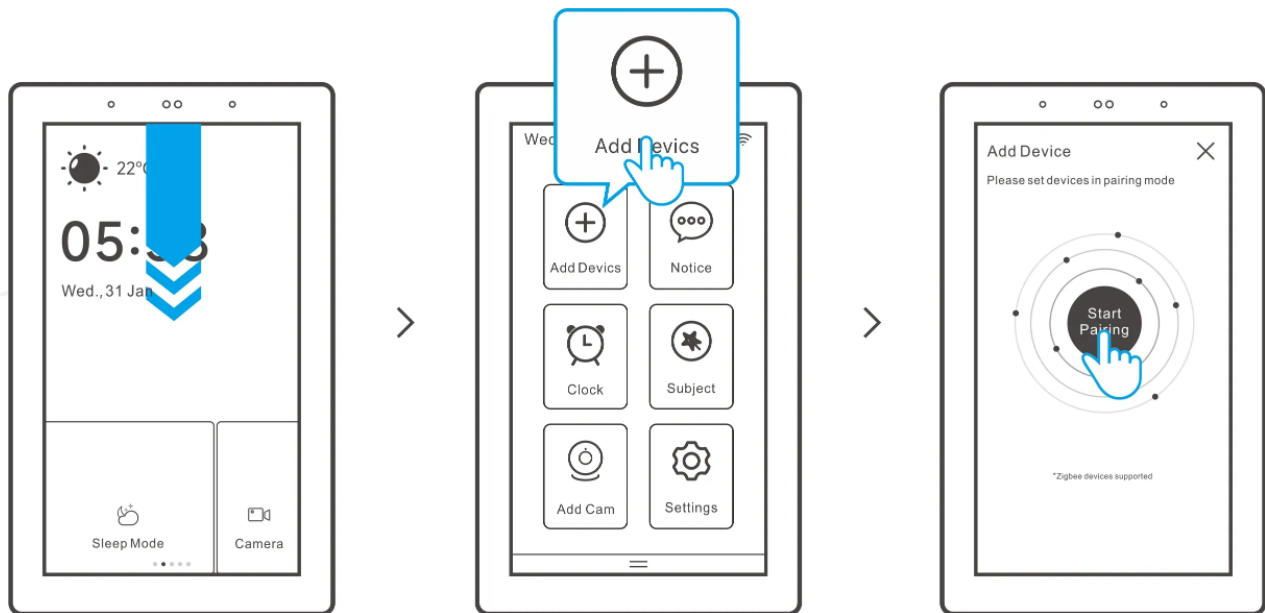
Tap "Log in" on the device and tap "+" on the eWeLink App to select "Scan", then scan the QR code on the device screen by your App.



Add Zigbee Devices

1. Pairing mode entry

Method 1: Entry on the central control panel.



Method 2: Entry on the eWeLink App.

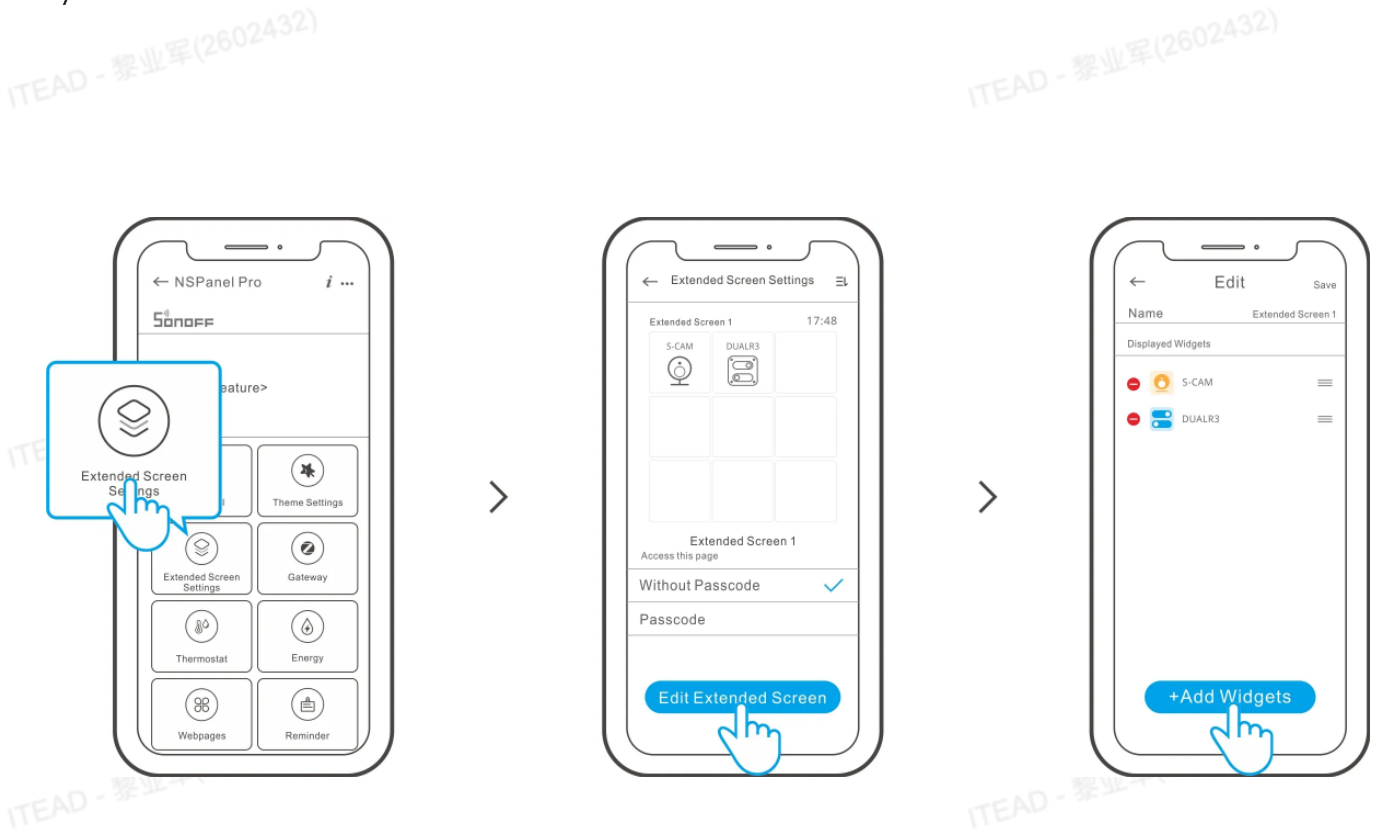


2. Set the Zigbee device into the pairing mode and complete the adding by following the prompts.

Add Wi-Fi Devices

1. Add Wi-Fi devices on the eWeLink App.

2. In the main interface of NSPanel Pro on the App, select "Extended Screen Settings" and synchronize the connected Wi-Fi devices to the NSPanel Pro.



*After adding the devices, they can be checked and controlled on the panel.

View Camera

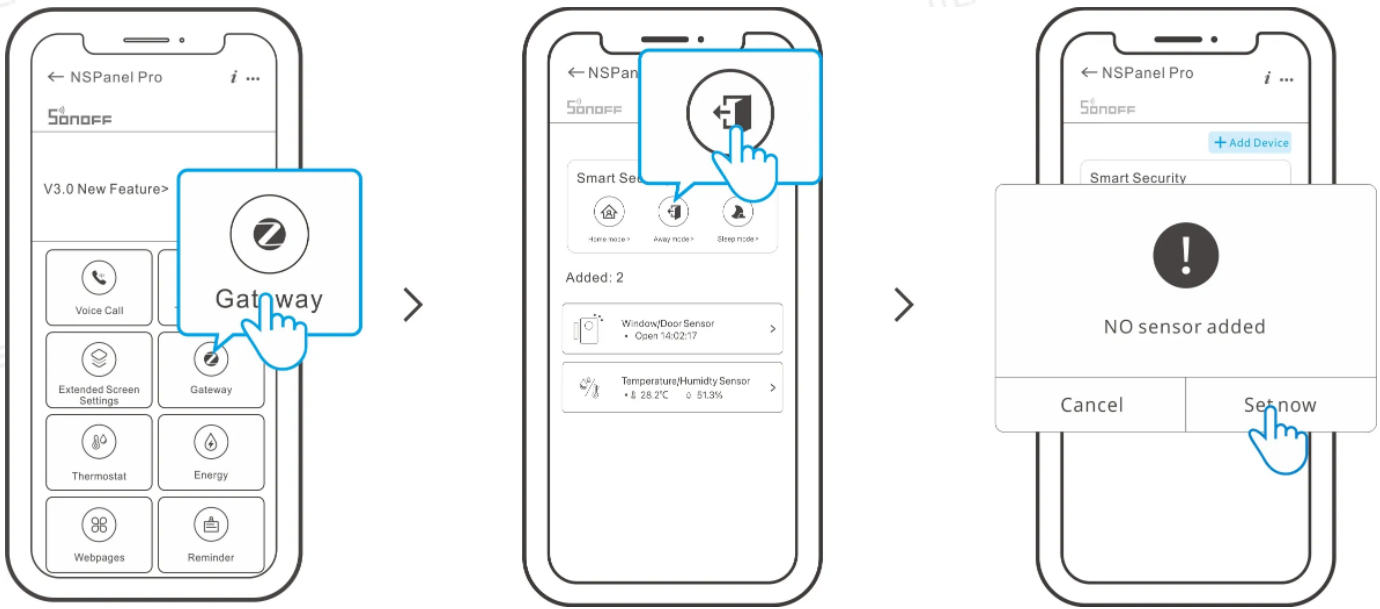
Add the camera on the App and configure it on the NSPanel Pro page, then tap "Camera" and select the added camera like "CAM Slim" on the panel to view the live view on the panel through the camera.



*You can also drop down the screen to select "Add camera" and add PTSP camera or DIY camera by following the prompts.

Smart Security

There are 3 modes of Smart Security, home mode, away mode and sleep mode. Select the mode on the App to enable the triggerable sub-devices and set the alarm sound.



*Smart security functions can only be used after adding security sub-devices.

Factory Reset

Method 1: Deleting the device on the eWeLink App indicates you restore it to factory setting.

Method 2: Complete the factory reset follow the prompts on the panel.



FCC Compliance Statement

1. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference;
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause

harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003(B).

This device complies with RSS-247 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la Classe B conforme à la norme NMB-003(B) du Canada.
Cet appareil est conforme à la norme RSS - 247 d'Industrie Canada. Le fonctionnement est soumis à la condition que cet appareil ne provoque pas d'interférences nuisibles.

ISED Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements de la ISED établies pour un environnement non contrôlé.

Cet équipement doit être installé et fonctionner à au moins 20cm de distance d'un radiateur ou de votre corps.

Cet émetteur ne doit pas être co-localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

SAR Warning

Under normal use of condition, this equipment should be kept a separation distance of at least 20 cm between the antenna and the body of the user.

Dans des conditions normales d'utilisation, cet équipement doit être maintenu à une distance d'au moins 20 cm entre l'antenne et le corps de l'utilisateur.

EU Declaration of Conformity

Hereby, Shenzhen Sonoff Technologies Co., Ltd. declares that the radio equipment type NSPanel120PW, NSPanel120PB is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<https://sonoff.tech/compliance/>

For CE Frequency

EU Operating Frequency Range:

Wi-Fi: 802.11 b/g/n20 2412–2472 MHz, 802.11 n40: 2422–2462 MHz

BT: 2402–2480 MHz

Zigbee: 2405–2480 MHz

EU Output Power:

Wi-Fi 2.4G≤20dBm

BT≤10dBm

Zigbee≤10dBm

WEEE Disposal and Recycling Information



WEEE Disposal and Recycling Information All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

Scatola	Scatola	Manuale	Neto	Borsa	Borsa
PAP 20	PAP 21	PAP 22	EVA 7	CPE 7	LDPE 4
Carta	Carta	Carta	Plastica	Plastica	Plastica
RACCOLTA DIFFERENZIATA					
Verifica le disposizioni del tuo Comune.					
Separa le componenti e conferiscile in modo corretto.					

The Sonoff logo features a stylized 'S' with three curved lines above it representing signal waves, followed by the word 'SONOFF' in a bold, sans-serif font.

Manufacturer: Shenzhen Sonoff Technologies Co., Ltd.

Address: 3F & 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China

ZIP code: 518000

Service email: support@itead.cc

Website: sonoff.tech

Made in China

