



Wireless Bridge

Quick Start Guide



About this Document

- This Document includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only.
- The information contained in the Document is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of the Document at the Hikvision website (<https://www.hikvision.com>). Unless otherwise agreed, Hangzhou Hikvision Digital Technology Co., Ltd. or its affiliates (hereinafter referred to as "Hikvision") makes no warranties, express or implied.
- Please use the Document with the guidance and assistance of professionals trained in supporting the Product.

About this Product

This product can only enjoy the after-sales service support in the country or region where the purchase is made.

Acknowledgment of Intellectual Property Rights

- Hikvision owns the copyrights and/or patents related to the technology embodied in the Products described in this Document, which may include licenses obtained from third parties.
- Any part of the Document, including text, pictures, graphics, etc., belongs to Hikvision. No part of this Document may be excerpted, copied, translated, or modified in whole or in part by any means without written permission.
- **HIKVISION** and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.
- Other trademarks and logos mentioned are the properties of their respective owners.

LEGAL DISCLAIMER

- TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS DOCUMENT AND THE PRODUCT DESCRIBED, WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, ARE PROVIDED "AS IS" AND "WITH ALL FAULTS AND ERRORS". HIKVISION MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. THE USE OF THE PRODUCT BY YOU IS AT YOUR OWN RISK. IN NO EVENT WILL HIKVISION BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY, OR OTHERWISE, IN CONNECTION WITH THE USE OF THE PRODUCT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.
- YOU ACKNOWLEDGE THAT THE NATURE OF THE INTERNET PROVIDES FOR INHERENT SECURITY RISKS, AND HIKVISION SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER-ATTACK, HACKER ATTACK, VIRUS INFECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, HIKVISION WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.
- YOU AGREE TO USE THIS PRODUCT IN COMPLIANCE WITH ALL APPLICABLE LAWS, AND YOU ARE SOLELY RESPONSIBLE FOR ENSURING THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. ESPECIALLY, YOU ARE RESPONSIBLE, FOR USING THIS PRODUCT IN A MANNER THAT DOES NOT INFRINGE ON THE RIGHTS OF THIRD PARTIES, INCLUDING WITHOUT LIMITATION, RIGHTS OF PUBLICITY, INTELLECTUAL PROPERTY RIGHTS, OR DATA PROTECTION AND OTHER PRIVACY RIGHTS. YOU SHALL NOT USE THIS PRODUCT FOR ANY PROHIBITED END-USES, INCLUDING THE DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL-CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.
- IN THE EVENT OF ANY CONFLICTS BETWEEN THIS DOCUMENT AND THE APPLICABLE LAW, THE LATTER PREVAILS.

© Hangzhou Hikvision Digital Technology Co., Ltd. All rights reserved.

Device Information

This manual is a general instruction for the entire series of wireless bridges.

Scan the QR code below and select the desired device model to obtain the corresponding device information.



Install Hik-Partner Pro

Scan the QR code below to install Hik-Partner Pro app, and manege your wireless bridge remotely.



Appliable Prodeucts

This manual is applicable to Hikvision wireless bridge.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

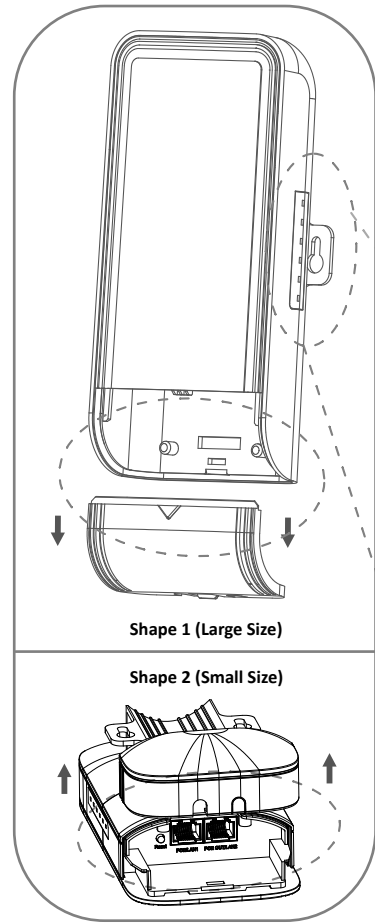
Symbol	Description
Note	Provides additional information to emphasize or supplement important points of the main text.
Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Safety Information

- Use the attached accessory to power the device.
- Install the device in the place where the maintenance personnel can operate easily.
- Disconnect the power supply when you have the device serviced.
- The temperature of the cover area will be high when the device is working. In the circumstances, only personnel with relevant professional knowledge, such as installation and maintenance personnel, are allowed to operate the device.
- The password strength of the device can be automatically checked. We highly recommend you to change the password of your own choosing (using a minimum of 8 characters, including at least three kinds of the following categories: uppercase letters, lowercase letters, numbers, and special characters) in order to increase the security of your product.
- We recommend you to change your password regularly, especially in the high security system. Changing the password monthly or weekly can better protect your product.
- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.

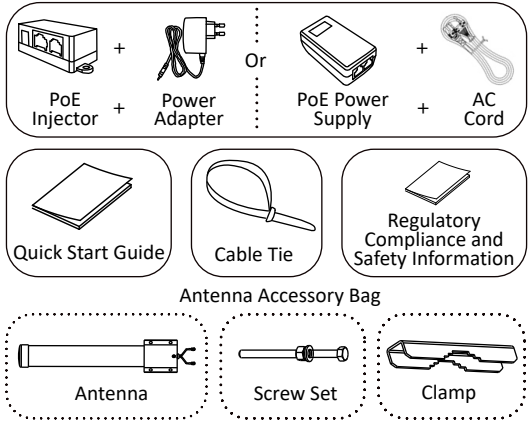
1 Packing List

Wireless Bridge



Note

- The figures in this manual are for reference only.
- The appearance and packing list vary with different models.
- Only some models of devices are equipped with antenna accessory bag.
- For detailed information on different models of devices, please scan the QR code of the **Device Information**.



2 Indicator

	Power Indicator
	Solid Green: The device is powered on normally.
	Unlit: No power supply connected or power supply is abnormal.
	LAN Indicator
	Solid Green: The port is connected.
	Flashing Green: The port is transmitting data. The faster the indicator flashes, the greater the transmission rate is.
	Unlit: The port is disconnected or connection is abnormal.
	Signal Strength Indicator
	Solid red, yellow, and green: The wireless signal is strong.
	Solid red and yellow, unlit green: The wireless signal is normal.
	Solid red, unlit yellow and green: The wireless signal is weak. Please adjust the position and direction of the device.
	Unlit: The devices are not matched.

3 Port/Button

Note

The port and button vary with different models. Scan the QR code of the **Device Information** for details.

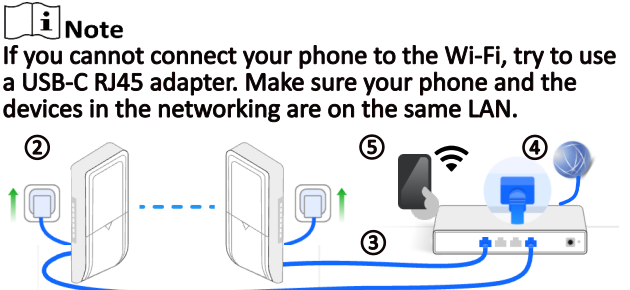
①	②	③	④	⑤	⑥
Reset	SSID	DC	PoE/LAN	LAN	PoE OUT/LAN
① Reset	② AP/CPE DIP Switch	③ DC Port	④ Power Input	⑤ LAN	⑥ Power Output
	SSID				
	Switch up/down or left/right to set the device as AP or CPE.	Use the attached power adapter to connect the DC port to socket.	Adaptive RJ45 port, also can be used as a PoE input port.	Adaptive RJ45 port. Connect to network devices via an Ethernet cable.	Adaptive RJ45 port, also can be used as a PoE output port.
	Switch up/down to set a 4-character SSID. The CPE will connect to the AP when its SSID matches the AP's.				

4 Activation

For the first-time access, you need to activate and pair the devices. The following part introduces the steps on the **Hik-Partner Pro** app. For the activation steps on other tools, such as web browser, iVMS-4200 client and SADP software, please scan the **Device Information** QR code, and find the information in **Chapter Remote Management**.

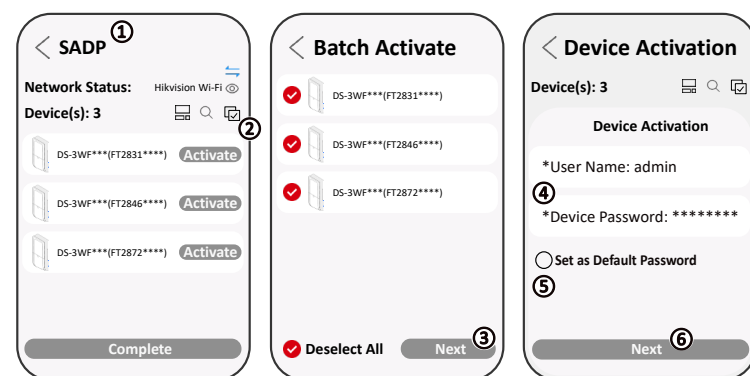
Before You Start

- 1 Scan the QR code to download Hik-Partner Pro app.
- 2 Power on the bridge devices.
- 3 Connect your bridge devices to a wireless network device (e.g. wireless router).
- 4 Make sure the wireless router has accessed to the Internet.
- 5 Connect your phone to the Wi-Fi of the wireless router.



Step 1: Batch Activate Devices

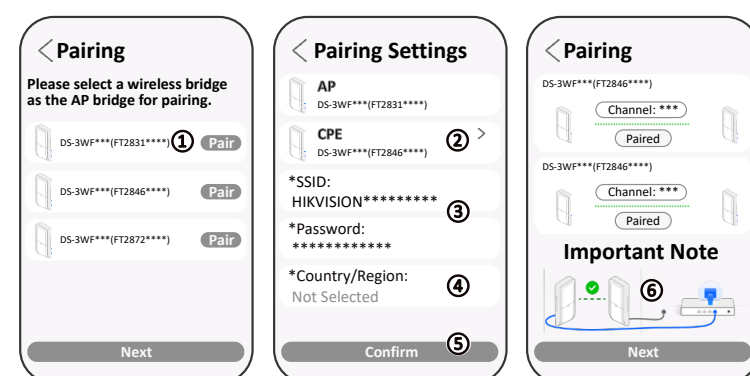
The pictures below are for reference only. The actual interface prevails.



- 1 Click **SADP** on the homepage of the app.
- 2 After wireless bridges are identified, click **Batch Activate**.
- 3 Select the wireless bridges to be activated, and click **Next**.
- 4 Set **Device Password*** according to prompts. It is used to log in the device WEB for managing device remotely.
- 5 (Optional:) Check to set the device password as the **Default Password***. It helps activating other devices on HPP quickly.
- 6 Click **Next**.

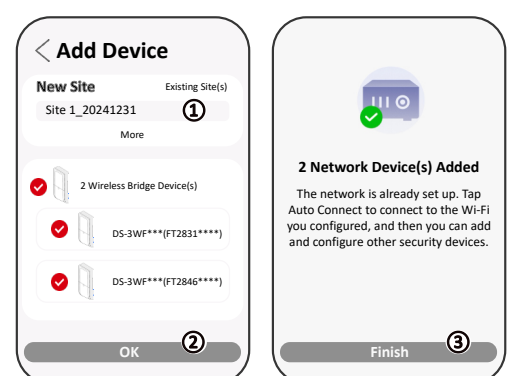
Step 2: Pair Devices

The pictures below are for reference only. The actual interface prevails.

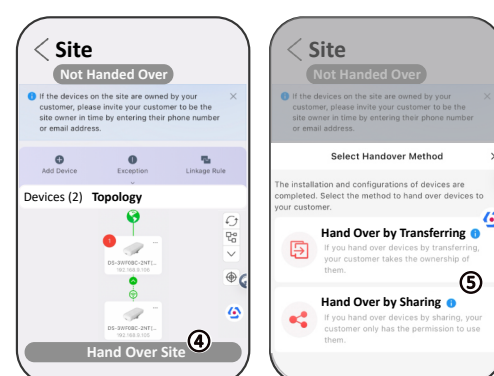


- 1 Select a device as AP bridge.
- 2 Click **CPE** to select at least 1 device as CPE bridge.
- 3 Set **SSID** and **Password*** according to prompts.
- 4 Select your **Country/Region**.
- 5 Click **Confirm**.
- 6 Disconnect **CPE** from the router to avoid loops.

Step 3: Add Devices to Site



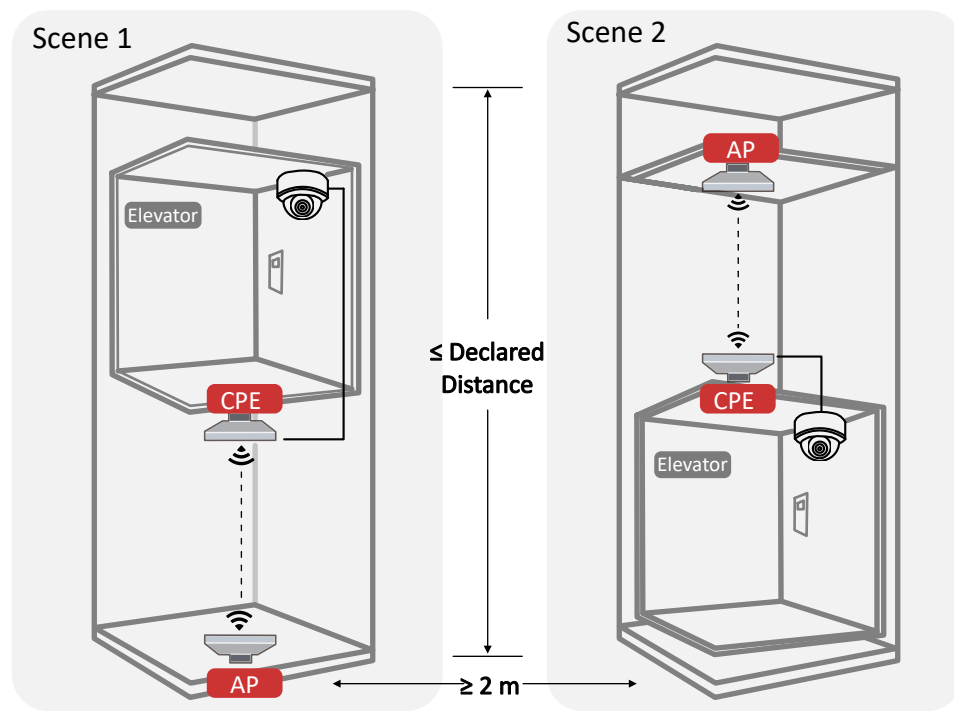
Step 4: Deliver Site to Customer



- 1 Select an existing site or click **More** to create a new site.
- 2 Click **OK** to add devices to the site.
- 3 Click **Finish**.
- 4 Click **Hand Over Site**.
- 5 Select a method, and operate following the prompts.

5 Installation

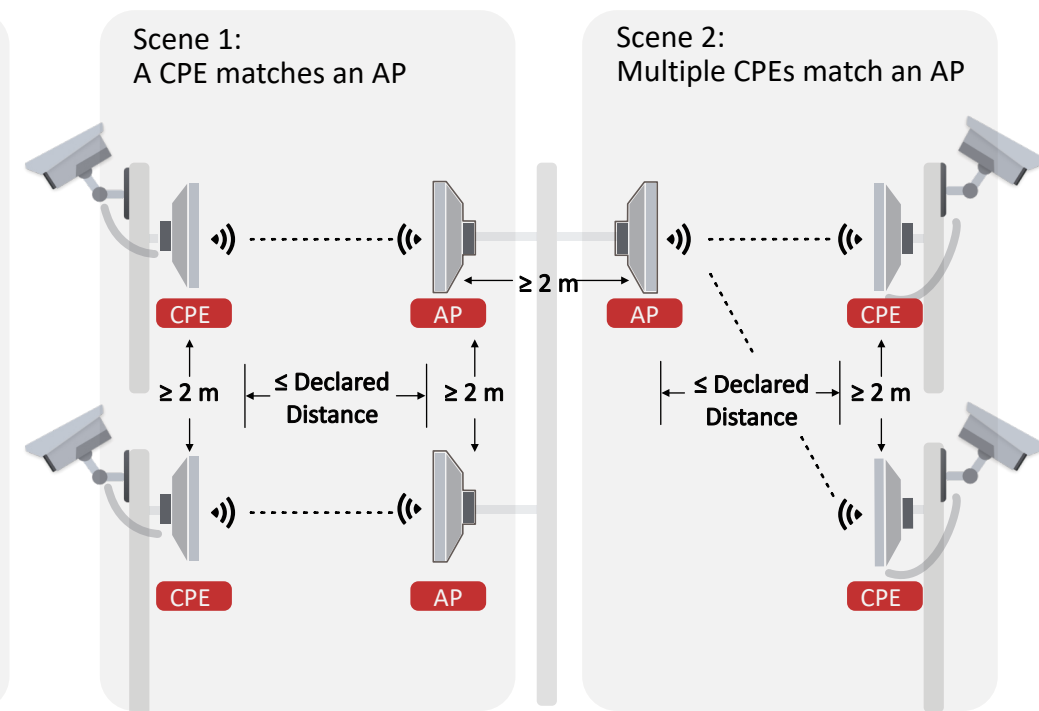
- The optimal installation distance between the AP and CPE devices should not exceed the **declared distance** to ensure transmission speed.
- The AP and CPE surfaces with brand Logos should be placed **face to face** without any obstacles.
- Set aside at least **50 cm** distance between the device and the wall.
- At least **2 m** distance should be kept between two pairs of adjacent devices.



Elevator Series

Outdoor Series

- The optimal installation distance between the AP and CPE devices should not exceed the **declared distance** to ensure transmission speed.
- The AP and CPE surfaces with brand Logos should be placed **face to face** without any obstacles.
- The max. angle of deviation should within the declared angle.
- At least **2 m** distance should be kept between two adjacent AP devices.



6 Power On

Note

- The figures in this manual are for reference only.
- The complete networking method of the device depends on the application scenario.
- For detailed information on different models of devices, please scan the QR code of the **Device Information**.

