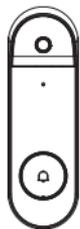




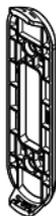
AVC-WDB51F21

*VIDEO DOORBELL
QUICK START GUIDE*

What's In The Box



Video Doorbell



Flat Mounting Plate



Tilt Mounting Plate



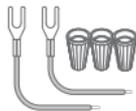
Wedge Mounting Plate



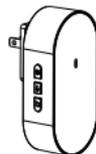
Mounting Screws



Quick Start Guide



Extension Cable



Digital Chime



Chime Kit



Wire harness

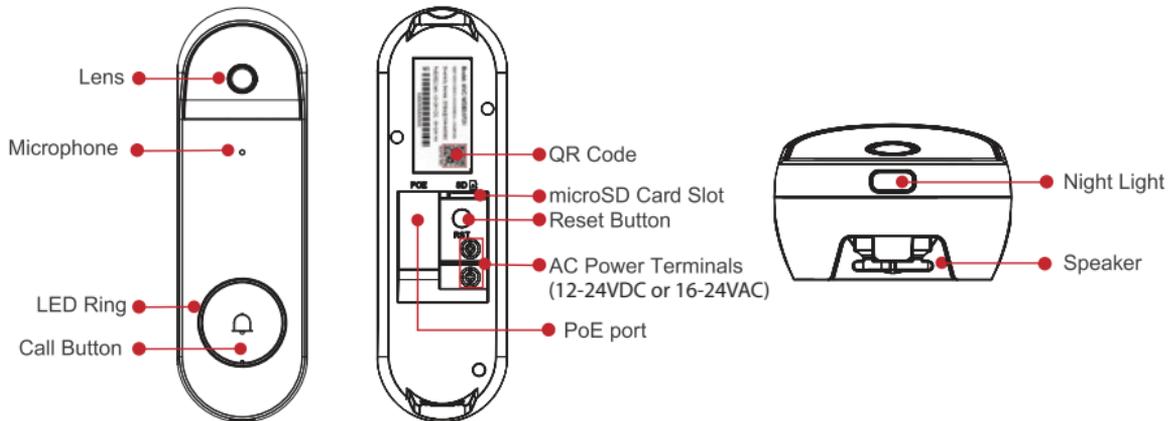


Fuse Wire



Hex Wrench

Introduction



LED Status	LED Status
Red light is on	Device is booting
Red light flashing slowly	Device is waiting for Network settings
Blue light stays on	Device is operating normally
Red and Blue lights flashing alternately	Device has lost its network connection
Lights off	Device is powered off

Installing The Video Doorbell

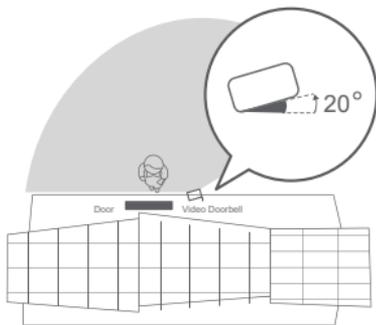
Before getting started, turn off the power at the power panel / breaker, and make sure that no power is going to your doorbell system.

Step 1. Mark Mounting Holes

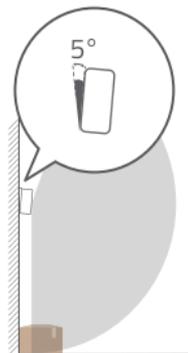
Place the mounting bracket to fit your existing doorbell wiring and then use it to mark the screw holes.

Step 2. Attach the Angled Wedge to the Mounting Bracket (Optional)

Attach one of the mounting wedges to the mounting bracket if you want to adjust the angle of your doorbell for a better view.



With 20° Horizontal wedge



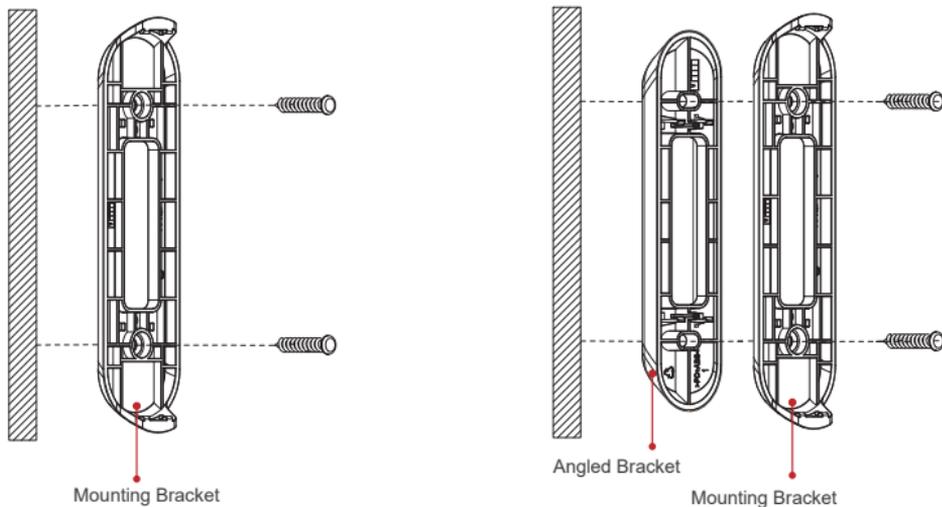
With 5° Vertical Wedge

Step 3. Install Wall Anchors (Optional)

If installing this device on stucco, brick or concrete, it is highly recommended to use a masonry bit to pre-drill holes for using the included anchors. For drywall, please use a standard drill bit to pre-drill holes for anchors.

Step 4. Secure the Mounting Bracket

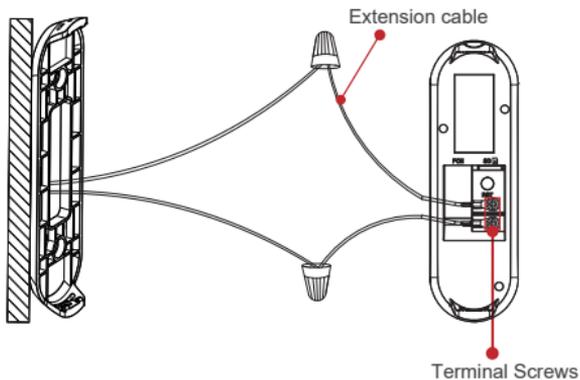
Route any power or Ethernet cabling through the center hole in the mounting bracket and also through any optional angled bracket connected and then use a Phillip's-head screwdriver to secure the brackets to the surface with supplied mounting screws.



Step 5. Connect Wires (WiFi Mode using existing AC wiring)

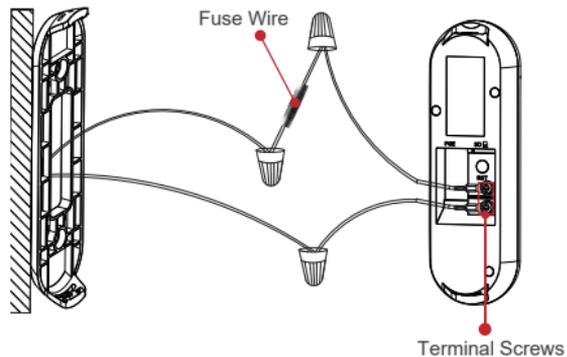
If you have an existing doorbell chime installed, follow Option A; if not, follow option B.

Option A: Connect doorbell with your existing doorbell wires.



Power Supply: 16 to 24 VAC

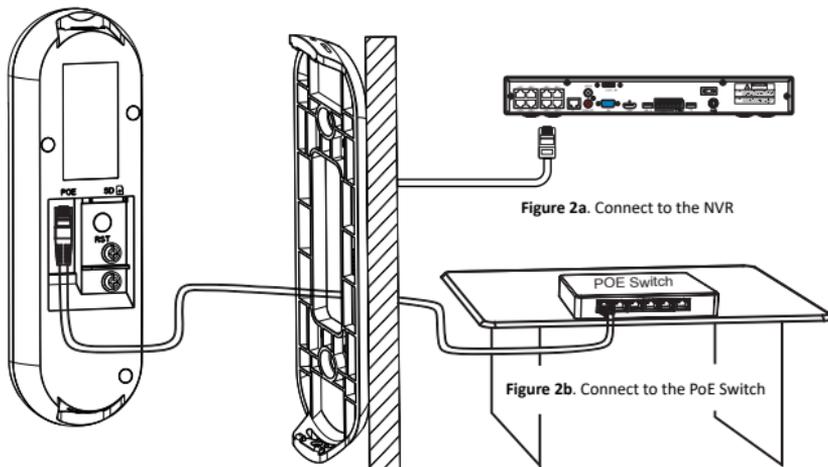
Option B: Connect the fuse wire with your existing doorbell wire.



Power Supply: 16 to 24 VAC

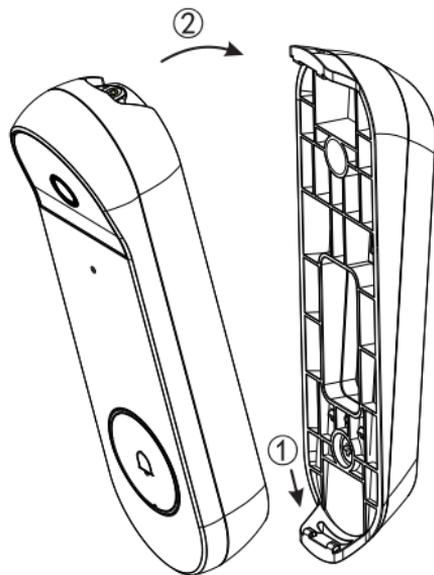
Step 6. Connect Wires (PoE)

1. Run the Ethernet cable through the mounting plate and the hole on the wall to connect it to the doorbell, then attach the doorbell to the plate.
- 2a. The doorbell can be powered and connected to the internet through the NVR's built-in PoE port. The video stream can be added in the same way as IP cameras, and it can be linked to the app by scanning QR code found on page 10 or on the back of the device.
- 2b. The doorbell can be powered by a PoE power device, which then needs to be connected with a wired connection to your main network.

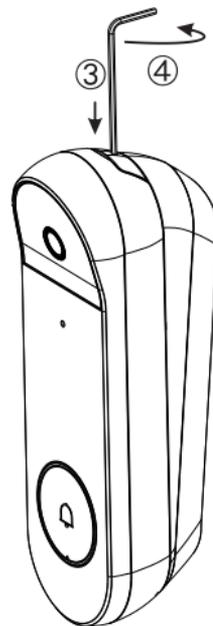


Step 7. Mount the doorbell

1. Install the doorbell to the mounting bracket.



2. Tighten the security screw in the top of the mounting plate to secure the doorbell.



Install The Chime Kit

The chime kit is used to regulate power to your existing chime so that your doorbell will function properly. Before getting started, turn off the power at the breaker, and make sure that no power is going to your doorbell system.

Step 1. Remove the cover of your existing chime box, and then find terminals labeled as “FRONT” and “TRANS”. The chime kit may look different depending on whether you have a mechanical or electronic chime.

Step 2. Loosen “FRONT” and “TRANS” terminal screws. If there are no markings, simply loosen the two terminals that wires are connected to. Be sure not to detach any connected wiring.

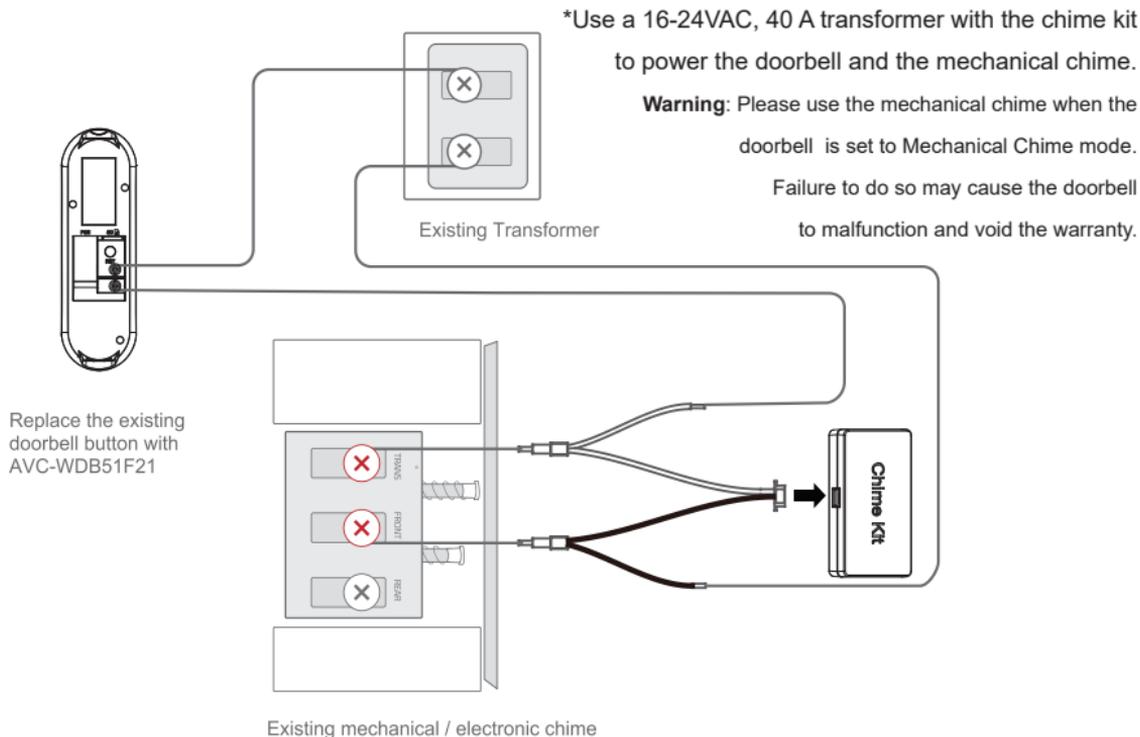
Step 3. Connect the wire harness to the chime kit.

Step 4. Connect either one of wires from the chime kit to the “FRONT” terminal and the other one to the “TRANS”, and then tighten the screws. Be sure the existing wires are attached.

Step 5. It is recommended that you attach the chime kit to the inside of your chime with the adhesive provided. Make sure that the kit and its connected wires will not interfere with chime's operation.

Step 6. Replace the chime cover.

Existing Doorbell + Chime Wiring Diagram



Install The App

There are two methods to install the app

- Search for “AVYCON Diversity One” in Google Play store or in iOS App store.
- Scan the QR code below to download the App (iOS & Android)



Adding The Device

- Scan the QR code below or on the device to add the device once it is powered on.



Step 1. Account Registration

Registration is required to connect your device and access Cloud services.

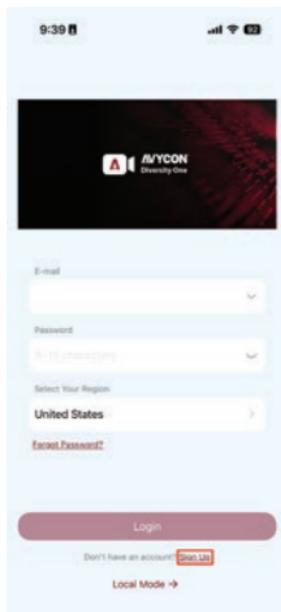


Figure 1-1. Login Page

Step 1-1. On the login page, click the **Sign up** link to go to the registration page.

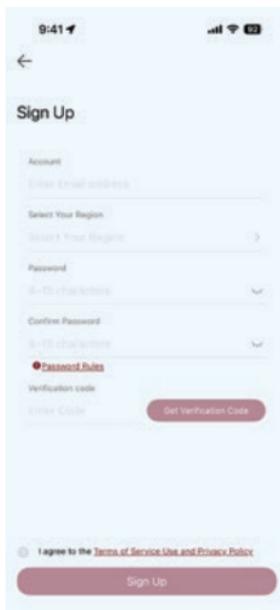


Figure 1-2. Account Registration

Step 1-2. Enter your email, select your region, create and confirm your password, receive a verification code to validate your email, agree to the Terms of Service and Privacy Policy, and finally click the **Sign up** button to complete the registration process.

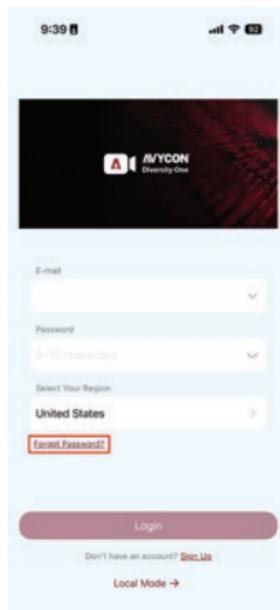
Step 2. Login

To log in, enter your email, select your region, enter your password, and click the **Login** button.

Note: Currently, 2FA (two factor authentication) verification is not enabled.

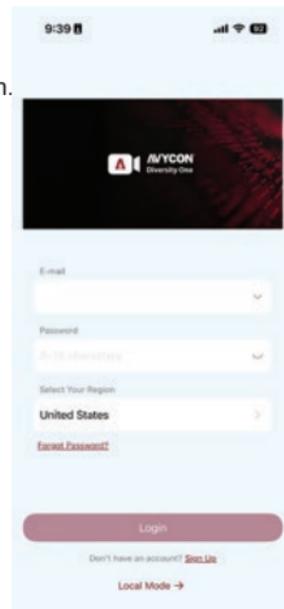
Step 3. Reset Password

Step 3-1. Click the Forgot Password link on the login page.



A screenshot of a mobile application login screen. At the top, the time is 9:39 and there are signal strength, Wi-Fi, and battery icons. Below the header is a dark banner with the A/YCON Diversity One logo. The form contains an 'E-mail' field, a 'Password' field, a 'Select Your Region' dropdown menu currently showing 'United States', and a 'Forgot Password?' link highlighted with a red box. At the bottom, there is a 'Login' button, a link for 'Don't have an account? Sign Up', and a 'Local Mode' link with a right-pointing arrow.

Figure 3-1. Reset Password



A screenshot of a mobile application login screen, similar to Figure 3-1. It shows the same header and logo. The form includes an 'E-mail' field, a 'Password' field, a 'Select Your Region' dropdown menu showing 'United States', and a 'Forgot Password?' link. At the bottom, there is a 'Login' button, a link for 'Don't have an account? Sign Up', and a 'Local Mode' link with a right-pointing arrow.

Figure 2-1. Login

Step 3-2. Enter your email, select your region, receive a verification code, and enter it to validate. Set and confirm your new password.

Step 3-3. Click **Save** to complete the password reset process.

Home Page



Home Page GUI

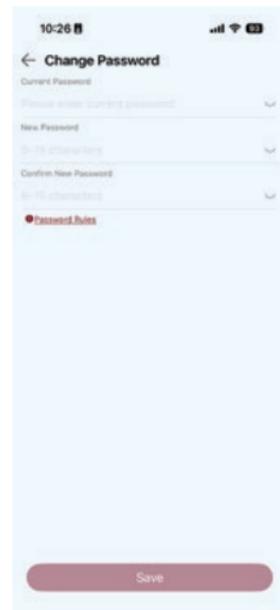


Figure 3-2. Change Password

1. Group Name: Displays the name of the current group.
2. Device Selection: Click to choose a device for playback (available for Cloud devices only).
3. Device Search: Allows you to preview a device's screen by searching by device name, channel name, or favorite name. (Only supports searching within the current group and favorite devices.)
4. Device Options: Click to show a QR code for scanning, view online devices, add favorites, or share a device.
5. Arming: One-click to arm the system.
6. Disarming: One-click to disarm the system.
7. Scene Buttons: These can be sorted for better organization.
8. Favorites: Displays devices that have been added to your favorites.
9. Devices: Displays all devices that have been added.
10. Layout Switch: Toggle between different device layouts.
11. Device Actions:
 - a. Local devices: Access settings, edit device details, push settings, or delete the device.
 - b. Cloud devices: Access sharing options, camera settings, device settings, or add to favorites.
12. Device Identification: Identifies local devices.
13. Play Button: Tap to immediately show live video within the device list view. You can also choose to open recorder completely.
14. Do Not Disturb: Click to block notification bar messages.
15. Settings Preview: Click to jump to the settings preview page.
16. Device Name: Displays the current name of the device.

Step 4. Adding a Device

Step 4-1. Adding a Device by QR Code scanning



Options:

1. **QR Code Scanner:** Use the scanning box to scan and recognize a QR code on your device.
2. **Select Local QR Code Image:** Tap to choose a QR code image stored on your phone for scanning.
3. **Cannot Find QR Code:** Tap to switch to *Wi-Fi Connection* or *Wired Connection* options.
4. **Flashlight:** Tap the flashlight icon to turn on your phone's flash for better scanning in low light.
5. **Manual Add:** Tap to switch to the manual device add page.

Figure 4-1. Scanning code to Add

Step 4-2. Adding a Cloud Device

1. Scan the QR code located on the device or on page 4 to add the device once it is powered on.

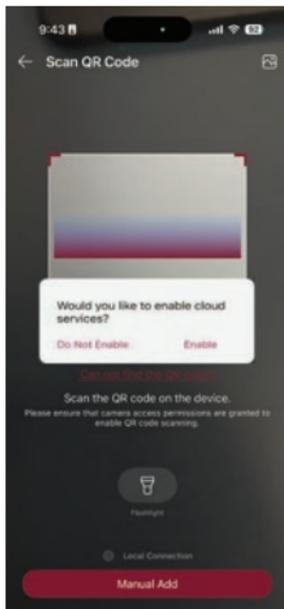


Figure 4-2-2. Cloud Device Add

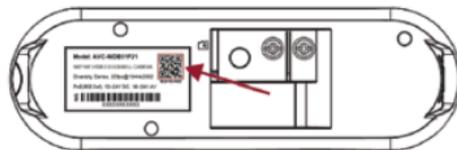


Figure 4-2. QR Code on the Device

2. After the code is recognized, you will be asked whether to enable Cloud Service:

- **Enable Cloud Service:** Connect via Cloud ID — no password needed.
- **Do Not Enable Cloud Service:** Connect via P2P ID — the device will show as *Local Device*.

Note: The app and device must be on the same local network (LAN).

3. You can also scan the dynamic QR code displayed on the Web GUI Cloud Service page for direct addition. Make sure the selected region corresponds to the one used during your account registration.

Step 4-3. Adding a Local Device

Scan the static QR code on the device body to connect using the P2P ID.

The device will display as a *Local Device*.

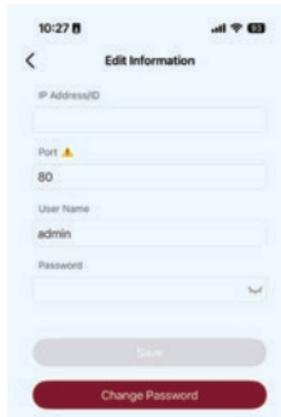


Figure 4-3. Local Device Add

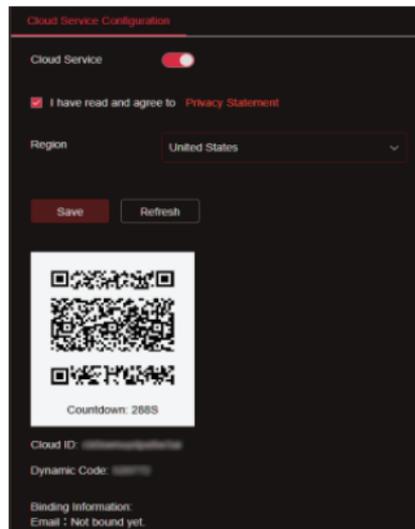


Figure 4-2-3. Dynamic QR Code

Step 4-4. Adding a Device Manually

1. Tap **Manual Add** to open the manual add page.
2. Enter the following details:
 - IP Address / P2P ID
 - Port Number (default port 80)
 - Username
 - Password
3. Tap Save to complete the process.



The screenshot shows a mobile application interface for editing device information. At the top, the status bar displays the time 10:27, signal strength, Wi-Fi, and battery icons. Below the status bar is a navigation bar with a back arrow on the left and the title "Edit Information" on the right. The form contains four input fields: "IP Address/ID" (empty), "Port" (containing "80" with a yellow warning triangle icon to its left), "User Name" (containing "admin"), and "Password" (empty with a toggle icon on the right). At the bottom of the form are two buttons: a light gray "Save" button and a dark red "Change Password" button.

Figure 4-4. Manual Add

Step 4-5. Adding a Device Online

You can connect your device online using either a Wi-Fi or Wired Connection.

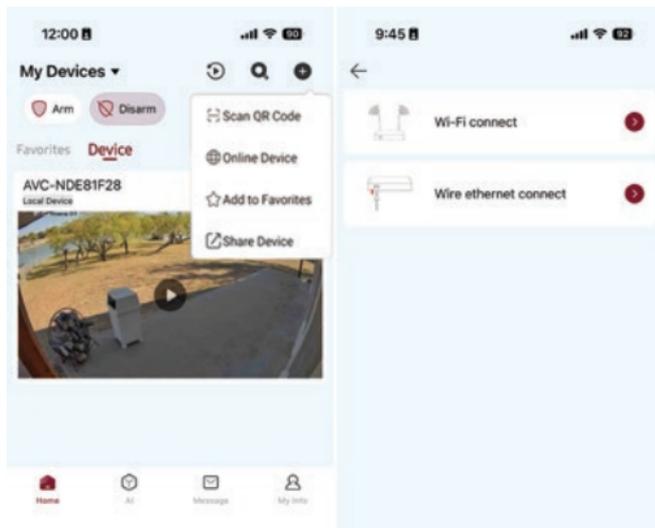


Figure 4-5. Adding a Device Online

A. Wi-Fi Connection

1. Power on the device.
2. Wait for the voice prompt *“Please configure network setting with the app”* or for the red indicator light to blink.
3. Tap **Next** to continue.
4. On the device search page, select your device and open the Wi-Fi configuration page.
5. Enter your Wi-Fi Network name and password, then tap **Next**.
6. Enter the device password and tap **Next**.
7. Wait for the countdown and network connection to complete.
8. Once connected, tap **Next**.
9. Set the device name and tap **Next**.
10. Tap **Finish** to complete the setup.

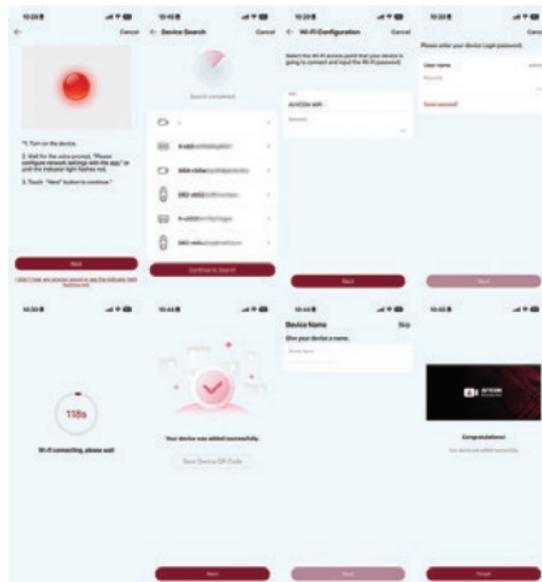


Figure 4-6. Wi-Fi Connection

B. Wired Connection

B-1. Cloud Service Connection

1. Ensure the app and device are on the same LAN.
2. On the device search page, select the device and choose Enable Cloud Service.
3. Enter the device password and tap **Next**.
4. Review and accept the Cloud Service terms, then tap **Next**.
5. Wait for the countdown and connection to complete.
6. Once connected, you'll be redirected to the name setting page. Enter a name and tap **Next**.
7. Tap **Finish** to add the device.

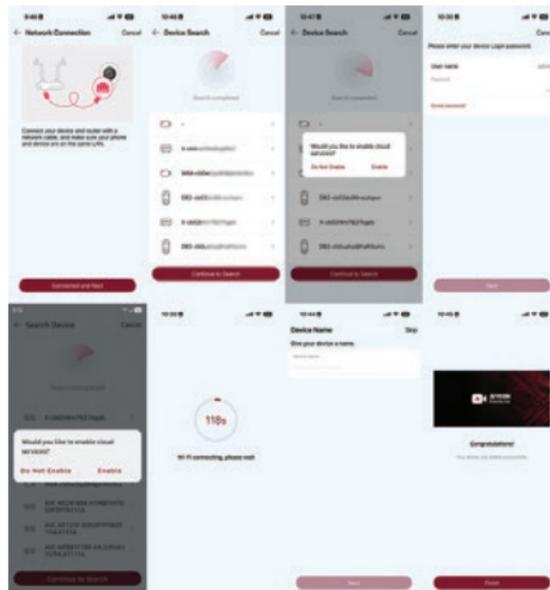


Figure 4-7. Wired Connection

B-2. P2P Connection

1. Ensure the app and device are on the same LAN.
2. On the device search page, select the device and choose Do Not Enable Cloud Service.
3. Enter the device password on the P2P Connection page, then tap **Save** to add the device.

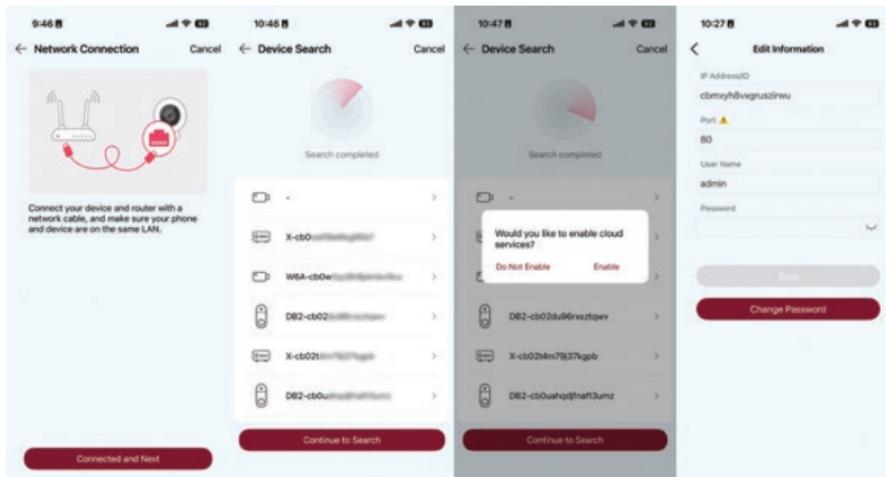


Figure 4-8. P2P Connection

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