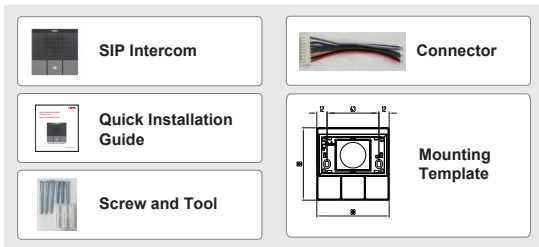


**A10/A10W/A10-E/A10W-E  
SIP Intercom  
Quick Installation Guide**



**A10/A10W/A10-E/A10W-E**

## 1 Package Contents



## 2 Physical Specification

A10/A10W/A10-E/A10W-E		3 button	
Device size	87.56 x 87.56 x 30mm	Wall hanging	A10/A10W
Device size	87.56 x 87.56 x 21.5mm	in 86 boxes	A10-E/A10W-E

### 1) Panel

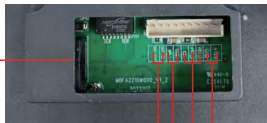


## 2) Interface Description

On the back of the device, there is a row of terminal blocks for connecting the power supply, indoor switch. The connection is as follows :



A10/A10W

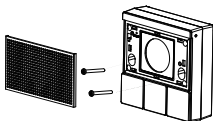


A10-E/A10W-E

⑤ ④ ③ ②

Serial number	Description
①	Ethernet interface: standard RJ45 interface, 10/100M adaptive, it is recommended to use five or five types of network cable
②	Power interface: 12V/1A input
③	A set of RS485
④	A set of short-circuit output interfaces
⑤	A set of short-circuit input interfaces

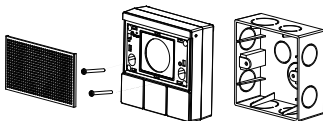
## 3) Installation Diagram



Cover

Main Body

(Wall hanging)



Cover

Main body

Back Shell

(in 86 boxes)

1) **Wall Mount:** Attach the installation dimension drawing to the position to be installed, use the electric drill to punch the hole in the 2 screw holes marked, and use the hammer to drive the screw into the drilled hole.

**Built-in:** Attach the installation dimension drawing to the position to be installed, open a groove of the same size according to the size, use the electric drill to punch the hole in the 2 screw holes marked, and use the hammer to drive the screw into the drilled hole.

2) Remove the cover.

3)**Wall Mount:** Align the bottom case with the position of the screw hole that was previously punched on the wall, and screw in the two screws with a screwdriver to fix the bottom case to the wall.

**Built-in:** Place the bottom case into the previously opened groove and screw in the two screws with a screwdriver to secure the bottom case to the wall.

4) Test whether there is electricity by doing the following:

Long press DSS key for 3 seconds (after power-on for 30 seconds), and when the speaker beeps rapidly, press DSS key again quickly, the beeps stop, the intercom will report the IP address by itself. If the work is normal, continue with the next steps.

5) Cover the cover removed in step 2.

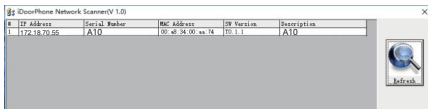
## 4) Searching SIP Intercom

There are two methods as shown below to search the device.

### Methods 1:

Open the iDoorPhone Network Scanner, click the Refresh button to search the device and find the IP address.

(Download address <http://download.fanvil.com/tool/iDoorPhoneNetworkScanner.exe>)



### Method 2:

Long press DSS key for 3 seconds (after power-on for 30 seconds), and when the speaker beeps rapidly, press DSS key again quickly, the beeps stop, the intercom will report the IP address by itself.

In addition, device provides the device surface DSS key operation to switch IP address acquisition mode:

In the standby mode, long-press the speed dial button for 3 seconds and the beep will last for 5 seconds. Within 5 seconds, press the speed dial button three times quickly to switch to the network mode.

If there is no IP at present, switch to the default static IP (192.168.1.128).

Then switch to DHCP mode when it is the default static IP (192.168.1.128).

When DHCP gets to IP, then do not switch and report the IP directly.

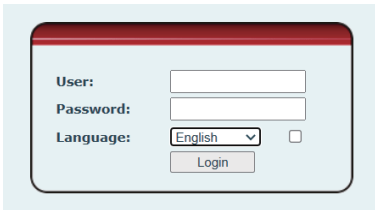
Report the IP after the successful switch.

## 5) SIP Intercom Configuration

### Step 1: Log in the WEB admin interface of the device

Input IP address (e.g. http://172.18.70.55) into address bar of PC's web browser.

The default user name and password are both admin.



The image shows a screenshot of a web browser's login page. The page has a light blue background and a dark red header bar. The login form is centered and contains the following elements:

- User:** A text input field.
- Password:** A text input field.
- Language:** A dropdown menu currently set to "English" and a checkbox.
- Login:** A button.

## Step 2: WIFI Settings (A10W/A10W-E only)

Click "Network" --WiFi Settings, turn on WiFi, in the corresponding box, fill in the corresponding wifi name and password, click "Add" wifi information added to the list. After the wifi information is entered, click Submit.

Default password is in use. Please change

Basic Wi-Fi Settings Service Port VPN Advanced

System  
Network  
Line  
Settings  
Call List  
Function Key  
Security  
Device Log  
Security Settings

Wi-Fi Settings

Wi-Fi Enable:

Wi-Fi Info Add

Wi-Fi Name:   
SSID:   
Secure Mode:   
Encryption Type:   
Username:   
Password:

Wi-Fi Info List

<input type="checkbox"/>	SSID	Secure Mode	Encryption Type
<input type="button" value="Delete"/>	<input type="button" value="Modify"/>		

## Step 3: Add SIP Account

Set SIP server address, port, user name, password and SIP user with assigned SIP account parameters. Select <Activate>, click <Apply> to take effect.

Default password is in use. Please change

SIP SIP Settings Access Plan Basic Settings Paging Server

System  
Network  
Line  
Settings  
Call List  
Function Key  
Security  
Device Log  
Security Settings

User:

Registrar Settings >>

List Status:  Disabled  Activate

Username:  Authentication User:   
Display Name:  Authentication Password:   
Address:  Server Name:

SIP Server 1:

Server Address:  SIP Server 2:   
Server Port:  Server Port:   
Transport Protocol:  Transport Protocol:   
Registration Expiration:  Registration Expiration:

Proxy Server Address:  Backup Proxy Server Address:   
Proxy Server Port:  Backup Proxy Server Port:   
Proxy User:   
Proxy Password:

Basic Settings >>

Codeless Settings >>

**NOTE**

Description:  
3 phone lines registration successful based on SIP account. Please check advanced settings.

## Step 4: Set DSS key

Set the speed dial parameters of the call button. The reserved function key can also be configured on the web page, click "Apply" to save this setting. **Type:** Memory Key.

**Subtype:** Speed Dial.

**Value:** The DSS Key will dial to this Number . Click the + at the back to increase the forwarding number, and when the first number does not work, go to call the next number, and each shortcut key can add up to 8 transfer numbers.

**Line:** Working line.

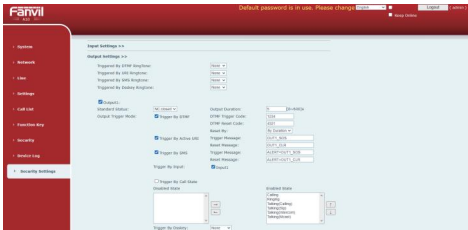
The screenshot shows the 'Function Key' configuration page in the Farvil web interface. The page has a red header with the Farvil logo and navigation tabs for 'Features', 'Basic Settings', 'Line IP Config', 'MGCP', 'Alarm', 'Transfer', 'Time Plan', 'Time', and 'List'. A sidebar on the left contains menu items: System, Network, Line, Settings, Call List, Function Key (selected), Security, Device Log, and Security Settings. The main content area is titled 'Function Key Settings >>' and contains a table with columns: Key, Type, Name, Value, Subtype, Line, and Profile. The table lists several keys: DSS Key, SIP, DSS Key, DSS Key, DSS Key, and Smart speed dial. Each row has dropdown menus for Type, Name, Value, Subtype, Line, and Profile. Below the table is an 'Apply' button. There are also links for 'Programmable Key Settings >>' and 'Advanced Settings >>'. A 'NOTE' box on the right states: 'Description: Each function key, which can be defined by each function key on different call scenario.'

## Step 5: Set the Intercom parameters

The screenshot shows the 'Basic Settings' page in the Farvil web interface. The page has a red header with the Farvil logo and navigation tabs for 'Features', 'Basic Settings', 'Line IP Config', 'MGCP', 'Alarm', 'Transfer', 'Time Plan', 'Time', and 'List'. A sidebar on the left contains menu items: System, Network, Line, Settings (selected), Call List, Function Key, Security, Device Log, and Security Settings. The main content area is titled 'Basic Settings >>' and contains various configuration options. On the left, there are checkboxes for 'Enable Call Waiting', 'Enable Auto on Hook', 'Enable Silent Mode', 'Ban Outgoing', 'Enable Auto-Call Forwarding Call', and 'Enable Incoming Emergency Call'. On the right, there are input fields for 'Audio Transfer Delay' (set to 30 seconds), 'Enable Wake for Ring', 'Profile Country Code', and 'Area Code'. Below these are fields for 'Allow IP Call', 'Disable AEC', 'Push VMS Server', and 'SIP Security'. At the bottom, there are fields for 'Line Display Format', 'Block VMS when Call', 'Call Number Filter', 'Last Talking Duration', 'Call Timeout', and 'Description'. There are also links for 'Basic Settings >>' and 'Advanced Settings >>'. A 'NOTE' box on the right states: 'Description: Function settings, you can set the above features, including line type, MGCP, tone settings, DSS key corresponding code settings, media settings, the corresponding code settings, password of the settings, alarm light settings.'

## Step 6: Set the Security Function

Set of short-circuit input and output settings.



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

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, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

This device complies with FCC radiation exposure requirement set forth for an uncontrolled environment. The transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.