

i-Share+ Product Installation and Initialization

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Preface

Audience

Ruijie business partners and customers who are responsible for configuring and maintaining Ruijie wireless devices.

Revision Record

Release Date	Change Contents	Reviser
2016.06	Initial publication V1.0	TAC Oversea

Note :

For more detail configuration , see configuration guide for each product . you can download configuration guide at <http://www.ruijienetworks.com>

For more technical enquiry , you can visit Ruijie Service portal at <http://case.ruijienetworks.com> . You need to sign up before submit a case.

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Mini AP (MAP552 and MAP552-W) Installation

Preparation

Device installation in specified locations

Checking after installation

Before installation, confirm the following points:

- Put the device in a well-ventilated place.
- Keep the device away from high-voltage cables.
- Install the device indoors.
- Keep the device away from severe thunderstorm environments and strong electric fields.
- Keep the device clean and free of dust and grime.
- Unplug the power cord before cleaning the device.
- Do not wipe the device with wet cloth or liquid.
- Do not open the casing when the device is running.
- Ensure that the power supply adapts to the device voltage.
- Fix the device securely.

Mini AP (MAP552 and MAP552-W) Installation

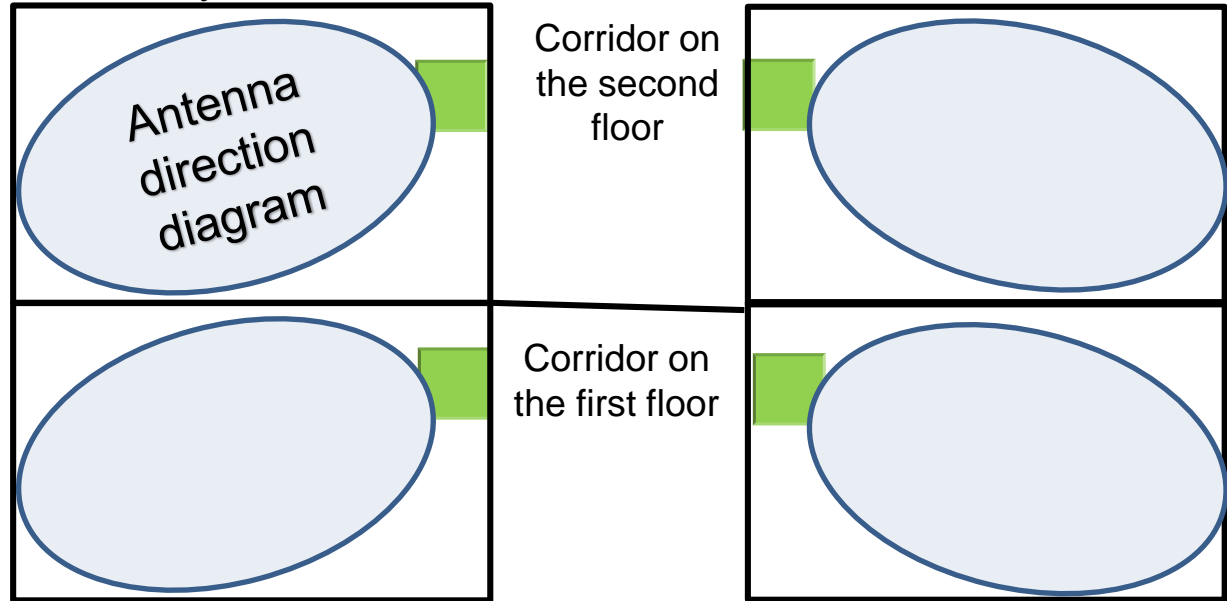
Preparation

Device installation in specified locations

Checking after installation

The right figure shows the coverage of AP antennas. It is recommended that APs be mounted on wall indoors.

Dormitory



Mini AP (MAP552 and MAP552-W) Installation

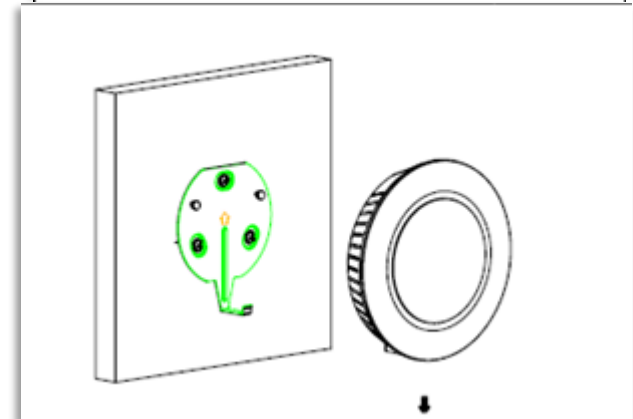
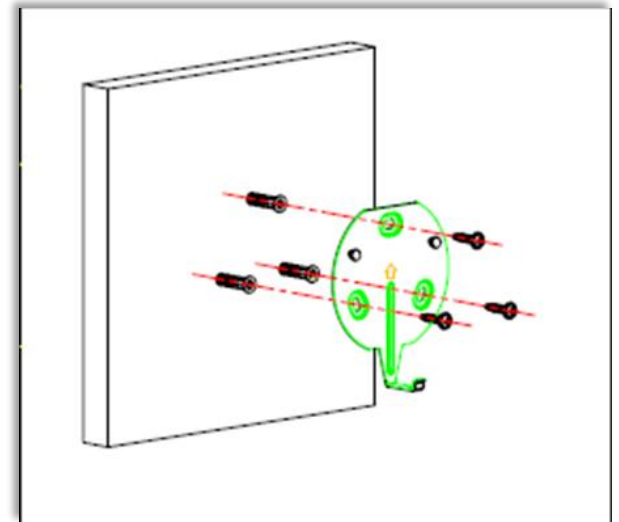
Preparation

Device installation in
specified locations

Checking after
installation

MAP552 installation method (recommended):

- ① Drill safety holes on the wall, install a screw fixing base into the holes, screw a mounting support onto the fixing base and fix it.
- ② Align the round holes on the back of the host with the hooks of the mounting support.
- ③ Push the host onto the mounting support from top down along the pilot holes.
- ④ Install an antitheft padlock.



Mini AP (MAP552 and MAP552-W) Installation

Preparation

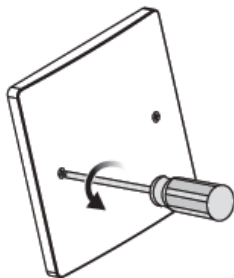
Device installation in
specified locations

Checking after
installation

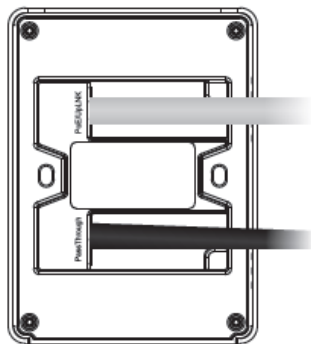
MAP552 installation method

RG-MAP552-W 的安装

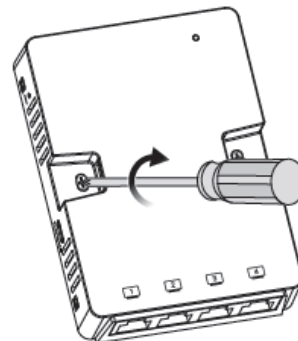
第一步：用螺丝刀取下墙壁上的 86 面板盒（如果没有，则忽略此步骤）。



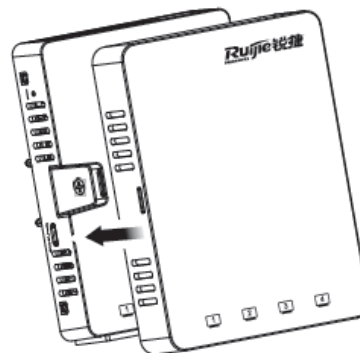
第二步：将上联数据线连接到 UpLNK 口，PassThrough 口可用于连接电话线或者根据用户需求进行连接。



第三步：将MAP552-W左右两边的螺丝孔对准86底盒里的螺丝孔，然后用螺丝刀固定。



第四步：按照如图所示的方向固定MAP552-W的彩壳。



Mini AP (MAP552 and MAP552-W) Installation

Preparation

Device installation in specified locations

Checking after installation

Checking after installation:

- ① After the AP is powered on, the indicator on the upper cover will **blink** green if the AP works normally.

When the AP is running, you can monitor its status by observing the Status indicator. For example:

- ① When the indicator blinks yellow at short intervals (2.5 Hz), the AP is being initialized. If the indicator keeps blinking, the AP is abnormal.
- ② When the indicator blinks green at long intervals (0.25 Hz, On for 2s and Off for 2s alternately), the AP works normally, the MS state is normal, and there are accessing users.
- ③ When the indicator blinks green at an interval of 4s (Off for 3.8s and On for 0.2s alternately), the AP works normally, the MS state is normal, there no accessing users, and the power consumption is low.
- ④ When the indicator blinks red continuously at short intervals (2.5 Hz), the locating indicator is turned on.



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Description of device login:

- ① By default, the i-Share+ products work in thin AP mode and connect to access controllers (ACs) in the same way as other APs.
- ② The default passwords of master APs are the same as those used by other APs. The login password is **ruijie** and the Enable password is **apdebug**.
- ③ To log in to a mini AP, run the **session slot slot-id** command on the corresponding master AP. Normally, you do not need to log in to mini APs, except when you need to locate a fault. In this case, you can enable corresponding debug information on mini APs.
- ④ To display the running state of mini APs, run the **show dvmg stae** command on the corresponding master AP. See the figure below:

```
Ruijie#show dvmg state
index slot_id type fsm_state dev_state online time system uptime ifx mac
-----
1 13 CARD Run Online 9:2:2:21 9:2:2:49 5 5869.6c14.b799
```

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Upgrade

Automatic upgrade (recommended):

- ① Run the **ap-image auto-upgrade** command for automatic synchronization.

Upgrade of the manually specified product:

- ① active-bin AM5528.bin
- ② ap-serial AM5528 AM5528 hw-ver 1.x
- ③ ap-image AM5528.bin AM5528

NOTE:

- ① The name of the AP is AM5528 instead of **AP5528**.
- ② The i-Share+ product series has only one integrated main file, which contains the firmware of the master AP and mini AP.
- ③ You can upgrade the firmware in the main program of the master AP by running the **upgrade download** command. This upgrade method is the same as that for regular APs.
- ④ You can upgrade the firmware in the boot of the master AP. The upgrade must be performed through the GigabitEthernet 0/1 interface, but the mini AP firmware cannot be decompressed during upgrade via the boot. After the firmware is upgraded, you need to run the **upgrade download ... force** command to perform forced upgrade in the main process.
- ⑤ The master AP will be restarted after it is upgraded. You should upgrade mini APs after the restart.
- ⑥ You can run the **show tftp-server updating-list** command to display the mini AP upgrade progress.

```
Ruijie#show tftp-server updating-list
IP Address      Interface      File Name      TX      Elapsed
-----
```

Displaying the mini AP version

- You can run the **show version ... slot** command to display the mini AP version on the AC. The **slot** parameter is hidden and valid only for **i-Share+** APs.

```
PJ13AC#show ver all slot
AP(19#4F_new-AM5528-1)'s version:
Product ID       : AM5528
System uptime    : 9:2:27:2
Hardware version  : 1.00
Software version  : AM_RGOS 11.1(5)B6, Release(02213000)
Patch number     : NA
Software number   : M00455109302015
Serial number    : 1234942570025
MAC address      : 0011.2233.445b
Module information:
  Slot 13: 19#4F_fangjian_shiyebu4
    Hardware version  : 1.00
    Software version   : RGOS 11.1(5)B6, Release(02213001)
    Software number    : M01150609302015
    Serial number      : G1JV647001259
    MAC address        : 5869.6c14.b799
AP(19#4F_1fen24)'s version:
Product ID       : AM5528
System uptime    : 9:2:27:3
Hardware version  : 1.00
Software version  : AM_RGOS 11.1(5)B6, Release(02213000)
Patch number     : NA
Software number   : M00455109302015
--More--
```