E-CON GATE SA Manual V1.1

EliteConnect
www.aap.co.nz

Standalone Wifi Call Station with Smartphone App

Specifications

Power Supply	12 - 15VDC 1A
Internet Connection	Ethernet or Wifi
App Support	Tuya Smart
Phone Support	iOS & Android
Weather Resistant	Outdoor Ready
Mounting Height	1.2 - 1.5m
Standby Current	150mA
Operating Current	300mA
Resolution	2.0MP
Relay Output	Clean 12V 1A Rated

Tuya App Requirements:

Internet Connection

E-CON GATE SA must have an Ethernet or Wifi internet connection for the Tuya Smart app to operate.

Smartphone

Apple iOS 11.0 & Above — Download on the App Store

Android 5.0 & Above — GET IT ON Google Play

Account

All APP Owners & invited Users must have an active Tuya Smart account.

Cabling Schematic with Ethernet (recommended)

- It is recommended to use CAT6 for all cabling on the EliteConnect intercom system.

- Direct burial or gel filled CAT6 is recommended for externally run cable (including inside conduit).

- This example shows the power supply fitted near the call station. Alternatively the power supply can be fitted near the router, however a separate cable may be required. Voltage drop must also be considered when the power supply is mounted remotely.

E-CON GATE SA

RJ45 Socket

CAT6 Ethernet Cable Up To 100m

NO
COM
NC

Door/Gate 1 Controller

REX

Separate 12-15VDC PSU

Router
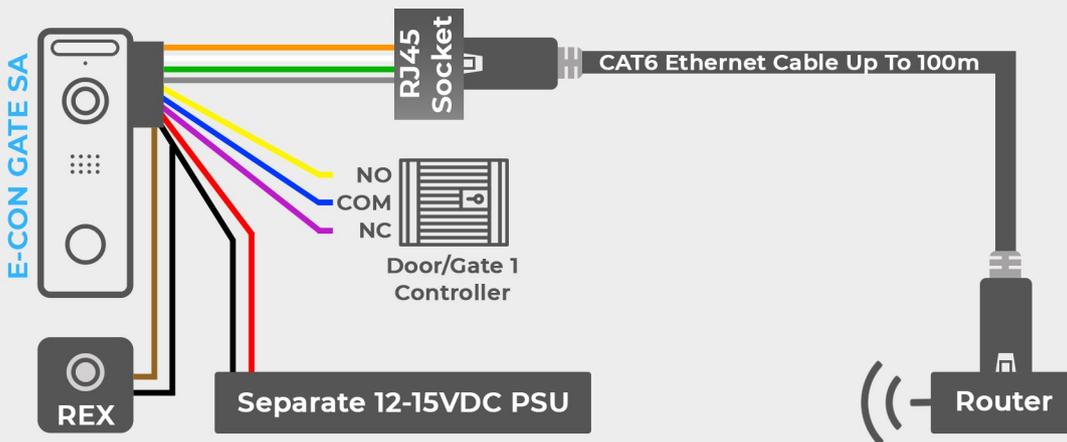
Wiring Colours

E-CON GATE SA

Power IN
RED = 12 - 15VDC
BLACK = GND

Ethernet
ORANGE = TxP
WHITE = TxN
GREEN = RxP
GREY = RxN

Clean Contact Triggered by 'Tuya Smart' App
YELLOW = NO
BLUE = COM
PURPLE = NC

REX
BROWN = OPEN
BLACK = GND

Wifi Internet Connection

The 'E-CON GATE SA' can alternatively be connected to the internet via Wifi. In this case an Ethernet cable to the router is not required.

See page 2 & 3 for Wifi setup.

Setup via Ethernet

- Before proceeding, make sure your smartphone is connected (via Wifi) to the same router that the E-CON GATE SA is plugged into (via Ethernet).
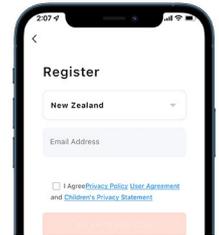
1. Download the App

Search 'Tuya Smart' on the 'App' or 'Play' Store or scan the QR link at the top right of this page.
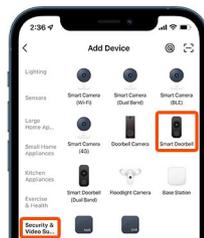
2. Create a Tuya account

All users must have an active 'Tuya Smart' account to either add a device or operate an E-CON GATE SA from any smart device.

Press 'Sign Up' from within the app to register.

3. Add Device

From the 'Home' screen, press 'Add Device'. This can also be accessed via the orange circle/plus icon.

Next press 'Camera & Lock', then press 'Smart Doorbell'.

4. Pairing Device

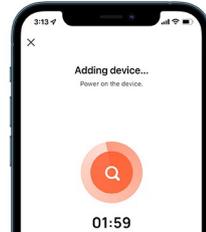Press the top right of the screen, then select 'Cable' from the drop down list.

Next press the 'Power on the device....' tick. Lastly press the large orange 'Next' button.

5. Search/Add

The app should now begin searching for the device.

Once found, the device will be added to your app. If searching fails, make sure all devices are powered & have an active internet connection.

6. Trouble Shooting

- Check Ethernet is plugged into the call station & has an active internet connection.

- Check your smartphone is connected to the same router as the call station via Wifi.

- Try manually putting the device into pairing mode. See the bottom of pg3 for more detail.

Intercom App Overview

1. Hang up / Exit.
2. Video stream quality.
3. Audio from door station ON/OFF.
4. Make video full screen.
5. Snapshot - Capture image & save to phone app or gallery.
6. Turns on/off microphone for two way communication.
7. Press to save video of current communication.
8. Access to images from intercom snapshot/video history.
9. Opens the door/gate connected to the gate station relay.
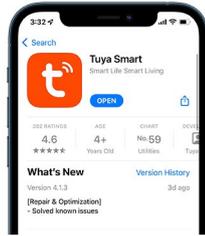10. Settings menu.
11. Signal strength.
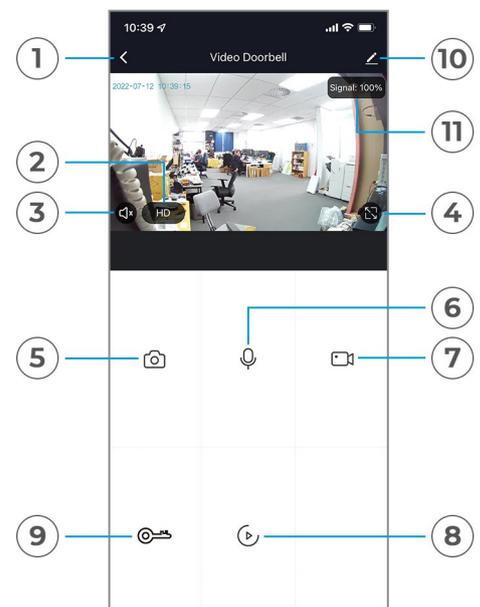
Setup via Wifi (*Wifi must be 2.4GHz*)

- Before proceeding, make sure your smartphone is connected to the Wifi of the router you wish to connect the gate station too.

- If setup fails, try putting the device into pairing mode as detailed at the bottom of this page.

Get the App Here

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1. Download the App

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2. Create a Tuya account

All users must have an active 'Tuya Smart' account to either add a device or operate an E-CON GATE SA from any smart device.

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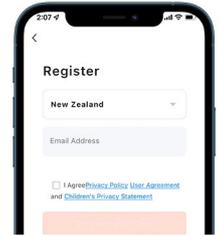
3. Add Device

From the 'Home' screen, press 'Add Device'. This can also be accessed via the orange circle/plus icon.
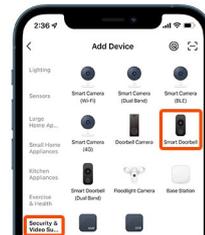
Next press 'Camera & Lock', then press 'Smart Doorbell'.

4. Pair Type/Power Cycle

Press the top right of the screen, then select 'QR Code' from the drop down list.

Next 'power cycle' the call station, then tick the 'Power on the device....' circle as shown. Now press the large orange 'Next' button.

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5. Wifi Name & Password

Now input the Wifi name & password that your smartphone is connected to.

Correct entry will generate a QR code on your phone which is then used to register the gate station to the Wifi.

6. Scan QR Code

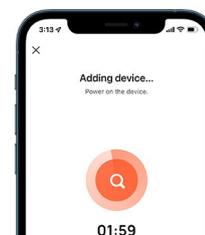Next scan the QR code with the gate station camera as shown here:

The gate station will beep 3 times to indicate a successful registration.

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7. Register Device

The app should now begin searching for the device.

Once found, the device will be added to your app. If searching fails, make sure all devices are powered & have an active internet connection.

8. Success

Successful registration will add the gate station to your app home page.

See previous page for information on the intercom app settings & functions.

Pairing Mode (*This may be required if the internet or owner of the device has changed*)

- Power down the device, then press & hold the call button while powering the device up again.
- Release the call button after the start up tune has finished & the circle around the call button will begin to flash.
- The call station is now in pairing mode. See page 2 or 3 for pairing instructions.
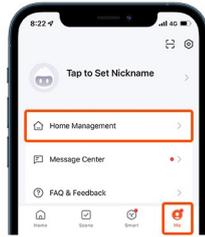
Inviting Users & Device Ownership

- The person who first registers a device becomes the 'Owner' & can add or remove users directly from the app. Invited users must have an active Tuya account. See step 2 on page 3 of this manual for information on how to register.
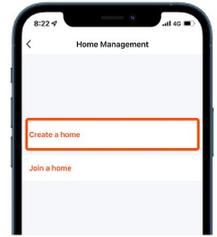
1. Create a Home 🏠

From the home screen, select 'Me' found at the bottom right.
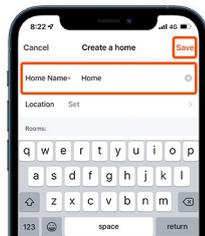
Then press 'Home Management'.

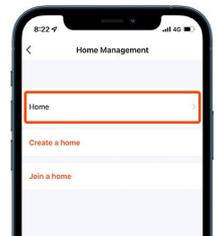### 2. Create a Home 🏠

Press 'Create a home'

3. Name Home ☰

Enter a 'Home Name' then press 'Save' found at the top right to continue.
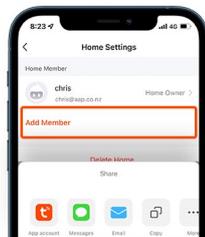
4. Open Created Home ❯

Next, press on the 'Home' that you created in step 3 to access the 'Add Member' options.

5. Add Member 👤

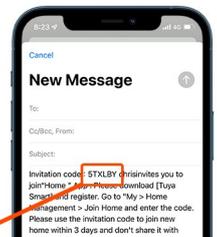Press 'Add Member', then select the path you would like to send via.

I.e. Text, email or other.

6. Send Invitation Code ❯

Enter the invited users details and press 'Send'.

The invited user is required to use the code shown here in the steps detailed below:
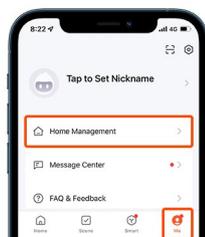
Accepting Invitations

- Invited users must enter the invitation code detailed above (in step 6) to start using the device
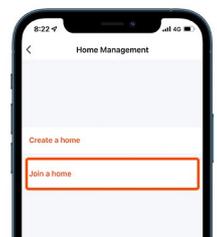
1. Join a Home 🏠

From the home screen, select 'Me' found at the bottom right.
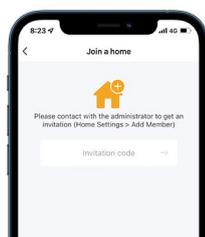
Then press 'Home Management'.

2. Join a Home 🏠

Press 'Join a home'

3. Invitation Code ☰

Enter the invitation code that was sent by the device owner shown in step 6.

4. Use the Device 🔲

The device should now appear in the 'Home' tab found on the 'Home' screen.