

Programming the keypad and connecting to Tuya App

The APX-14T can be programmed with user codes & proximity fobs/cards into 2000 individual User ID numbers .
The factory default settings are as follows:

- Programme code = 999999
- User code or fobs = None programmed
- Door open timer = 5 seconds
- Either User Code or proximity fob/card can be used to unlock



Scan QR code to download Tuya Smart App

To Enter programming mode

The LED indicator should be a solid red, press ✖ the LED should flash red, enter the Programming code followed by # the LED should turn green momentarily, then flash red.

To leave programming mode

Press ✖ the LED indicator should go back to a solid red.

To Program a code to unlock the door

Enter programming mode
Press 1 followed by the required User ID number (1-2000) then press the #, then enter the code (*must be a 4 digit code - 1234 cannot be used*) then press #, this adds the code into the selected User ID number, Repeat for each User
Press ✖ to leave programming mode

To enrol a fob/card to unlock the door

Enter programming mode
Press 1 followed by the User ID number (1-2000) followed by #
Present fob/card to reader and take away pressing # adds a fob/card into User ID number.

To sequentially enrol fobs/cards to unlock the door

Enter programming mode
Press 1 followed by the first User ID number (1-2000) required, followed by #.
Present each fob/card sequentially to reader and take away, until all have been presented.
Press # to add all fobs/card
Press ✖ to leave programming mode

To change the lock open time

Enter programming mode
Press 4 then the required time in seconds (*0 - 99 seconds - 5 is the default*)
Press the # to enter the time
Press ✖ to leave programming mode

To delete a User code

Enter programming mode
Press 2 followed by the User ID number followed by the #
The code will be deleted
Press ✖ to leave programming mode

To delete a particular fob

Enter programming mode
Press 2 then present fobs or input User ID followed by the #
Press ✖ to leave programming mode

To delete all codes and fobs/cards

Enter programming mode
Press 2 followed by 0000 # (deletes all fobs and code)
Press ✖ to leave programming mode

We recommend that you change the default Programming code which is 999999 using the following sequence:-

To change the existing programming code ✖ [Existing code] [#] [0] [New code] [#] [New code] [#]

To reset the programming code

Power down the keypad
Power up the keypad then press the # Key briefly and release it
Programming code is now 999999 again
Note: this process will also remove the setting for the Tuya App and therefore it will need to be reconfigured.

For all other functions please refer to the full manual.

Environmental Advice.

This product is covered by current WEEE regulations.
Please consider the effect on the environment when disposing of it.
Do not put in a domestic waste bin. Only dispose of at an appointed recycling centre.



AKT4251

Internal/External kit with Bluetooth/Wi-Fi

Start-up guide

This kit contains all the equipment required to install a single door access control system.

- 1 x ADP121A; 12V 1A power supply
- 1 x APX-14T; IP 68 Internal/External keypad
- 1 x AEMBR089F; Z & L bracket for use with the magnetic lock
- 1 x AEM10001; Unmonitored slim line electro magnetic lock
- 1 x FP3/GR; Green manual call point
- 1 x AEB1NR; request to exit button
- 1 x Graphite intumescent strip for magnet
- 20m x 6 core multi-stranded cable

The keypad can be installed either internally or externally to meet with your requirements, all other components must be fitted internally.
The electro-magnetic lock can be fitted direct to the frame for outward opening doors or with the Z&L bracket for inward opening doors.
The green call point and 'PRESS TO EXIT' button should ideally be fitted at a height of 1.2m from the floor level to allow for ease of access.
The keypad can be programmed manually or via the Tuya App which is free to download. The Tuya App can be used either via Bluetooth for up to 5 metres or Wi-Fi, enabling you to manage users, add & remove temporary users, and view the attendance log, which is time and date stamped, giving you full control remotely.

Operating

To use the keypad either enter a valid code followed by the # or present an enrolled fob/card, the LED will change to green for the pre-programmed lock open time, then change back to red when the lock open time has expired, while the LED is green the electro magnetic lock will be released allowing you to open the restricted door.
Momentarily press and release the 'Request to Exit button', the LED on the keypad will change to green for the pre-programmed lock time, allowing you to open the restricted door, after the lock time has expired the electro magnetic lock will be re-engaged, the door must be in the correctly closed position, therefore holding the door secure.
In the event of an emergency the green manual call point must be pressed, this will ensure that the electro magnetic lock is not active and therefore will not restrict access.

Connecting the APX-14T to Tuya Smart App

If you do not already have the Tuya Smart App please download and install onto your Smart Device/Phone, create an account and log-in

Before connecting the APX-14T to Tuya Smart App you must connect your Smart Device/Phone to the 2.4Ghz Wi-Fi Network the Reader will be configured to. Your Smart Device's Bluetooth must also be ON and the mobile data connection must be switch off, to ensure that data is sent via the Wi-Fi network

You **must** be as close to the router as possible during configuration (**under 2m**), the installed location of the reader must have a strong Wi-Fi signal (check signal strength at install location using your Smart Device).

The APX-14T must be in "Wi-Fi matching" mode when configuring to Tuya.
Press ✖ programming code # the LED should turn green then solid red.
Press **73#** the LED will turn green then begin to flash signaling it is in "Wi-Fi matching" mode.

Within the Tuya Smart App select "+>>" **"Add Device"**. The Auto-scan feature will initiate to automatically find the APX-14T.

Once detected the reader will appear at the top of the screen under **"Discovering Devices"**.

Select **"Add"** next to the listed device the screen will change; select the "+" to **"tap and add the device"** as detailed by App.

The app will now display a connection screen depicting the progress made towards successfully configuring to the Wi-Fi Network.

Once connected the reader will be displayed within the App and the physical product will return to its standby state.

Consult separate Tuya Manual for App functionality.
N.B. Codes programmed via App can be 6 digits. Those programmed via reader uses 4 digits.

LED colour indicates the following

Solid RED	Normal operating mode
Flashing RED	Programming mode
Solid GREEN	Valid code entered Valid fob/card presented 'Press to Exit' operated

CQR Security Ltd

125 Pasture Road, Moreton, Merseyside, CH46 4TH UK

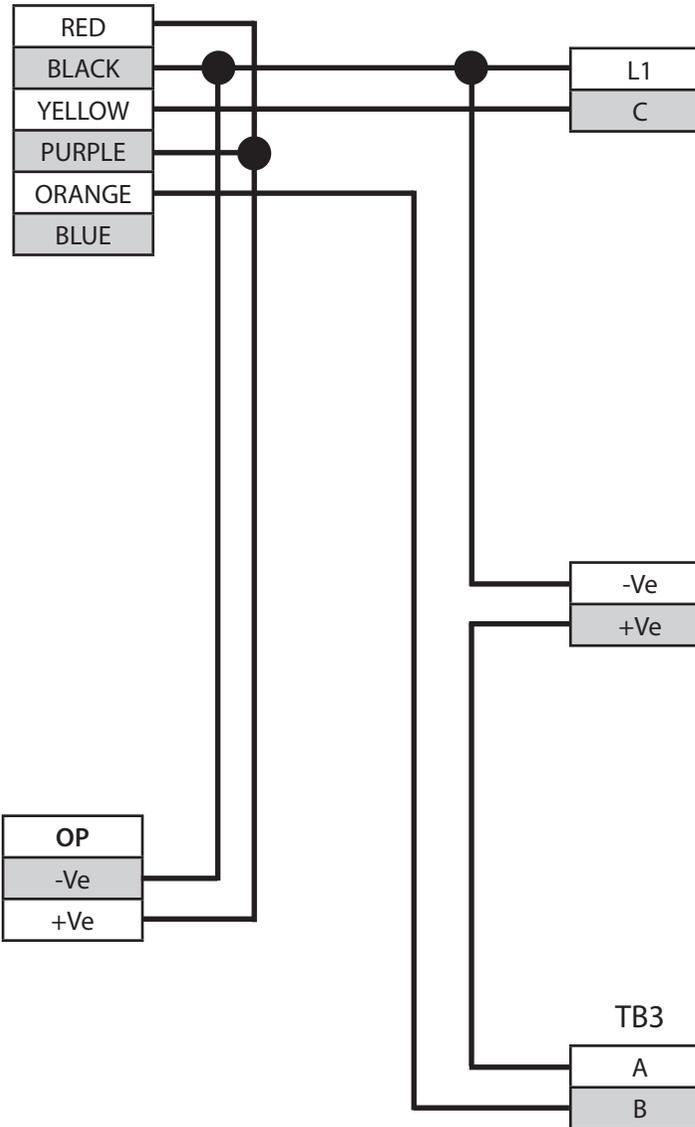
☎ +44 (0)151 606 1000 | ✉ info@cqr.co.uk | 🌐 www.cqr.co.uk

Connection Diagram

Explanation of wire colours	
Colour	Function
RED	+Ve12 or 24Vdc
BLACK	-Ve Ov
YELLOW	exit button input
PURPLE	COM (Common)
ORANGE	NC (normally closed)
BLUE	NO (normally open)



APX-14T



AEB1NR



ADP121A



AEM10001



FP3/GR