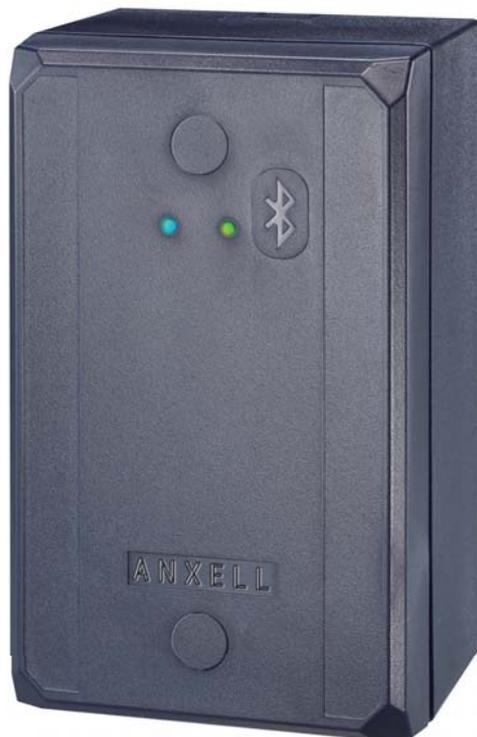# *E*-Access®

# E3A2 Access Control Reader Instructions

**ANXELL®**



## Features

- 1 Administrator, 1000 users

- Built-in tamper alarm and buzzer 85dB

- User Management: Add/delete/view user data, grant user access for specific dates or time periods, change user passcode.

- Audit Trail logs for last 1000 events

- The keypad will be disabled for one minute when 3 failed passcode attempts.

## Specifications

- Voltage (Input): 12 to 24 VDC

- Current Draw:
  Standby current: 16mA@12VDC, 7mA@24VDC
  Working current: 18mA@12VDC, 9mA@24VDC

- Bluetooth Module: BLE 4.2

- Operating distance : Up to 50 meters(164 ft) without blocking by metal or concrete wall/door frame.

- Smartphone Compatibility: Android 5.0 to 8.0, iOS 9.0 and up

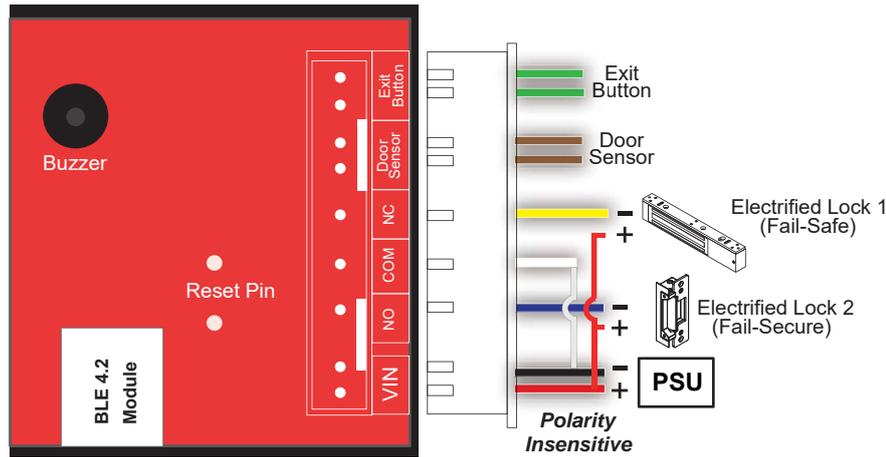- Finishes/Colors: Dark Brown or Navy

# E3A2 Wiring Diagrams

Buzzer

Reset Pin

BLE 4.2 Module

Exit Button
Door Sensor
NC
COM
NO
VIN

Exit Button
Door Sensor
Electrified Lock 1 (Fail-Safe)
Electrified Lock 2 (Fail-Secure)
PSU

*Polarity Insensitive*

## Reset Procedures

**How to Reset a Bluetooth Reader with Reset Pins on the PC board?**

1. Power off Access Control Reader.
2. Short the two Reset Pins, then power on.
3. Hear a long beep to complete resetting procedures.
4. Login as Admin and check all users, audit trail events are all cleared and all data is reset to factory default setting, except device name and device time.
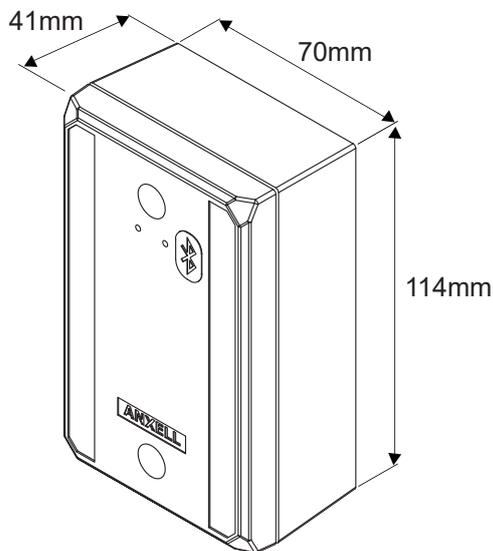
---

## Crimp connectors included:
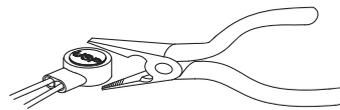
Crimp Connector

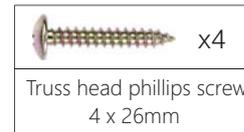Use a pair of crimping pliers designed to crimp insulated connectors.

Place the crimp connector into the compression slot. Be sure the crimping jaws are positioned over the stripped portion of the wire. Squeeze the handles together with enough force to crush the end of the butt splice.

---

# E3A2 Dimension

41mm

70mm

114mm

ANXELL

# Screw Packages

## E3A2 Screw Pack

| | | | | |
|---|---|---|---|---|
| Flat head phillips screw 4 x 12mm | x2 | | Cover cap | x4 |
| Truss head phillips screw 4 x 26mm | x4 | | Anchor bolt | x4 |
| Crimp Connector | x10 | | | |

## LED & Audible Indicators

| LED | Reader Status |
|---|---|
| Solid Blue | Power on, Standby mode |
| Blue Flashing | Bluetooth is connecting |
| Green | Unlocked, Door always unlocked |
| Red | Invalid Access, Door always locked |

| Audible Beeps | Status |
|---|---|
| 1 Short beep | Key press |
| 1 Long beep | Valid Access, Reset is completed |
| 2 Short beeps | Login completed |
| 3 Short beeps | Login failure |
| Constant beeping | Bluetooth keypad vandalized, Door Sensor is ON |

# E3A2 APP

## (a) Download E3AK APP

Download the E3AK APP to set up. Scan QR code on the left or go to Apple Store or Google Play depending on what kind of smartphone you use.

## (b) E3AK App for Administrator and Users
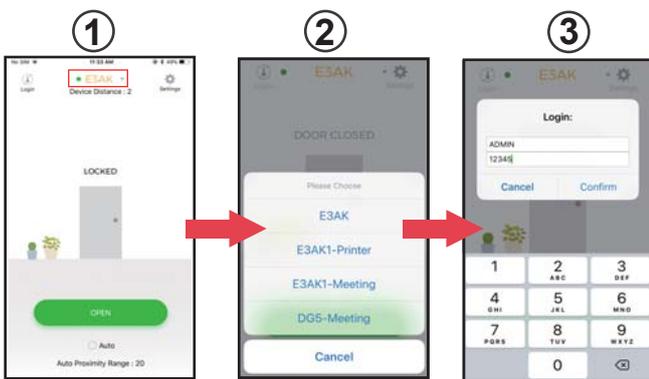
Press ① to go to Devices page. Select the designated Bluetooth device as shown on ②.

**Login first,**

**・Administrator : Enter Admin ID and Admin Passcode to login.**
 Default Admin ID: ADMIN
 Default Admin Passcode: 12345

**・User : Enter User ID and User Passcode to login.**
 User ID and User Passcode are given by the Administrator.

**[Note]**

1. Administrator ID"ADMIN" can not be changed. we recommend changing Admin's default passcode "12345" right after you login as the Admin. Go to settings page, tap Admin Passcode to Edit Admin Passcode.
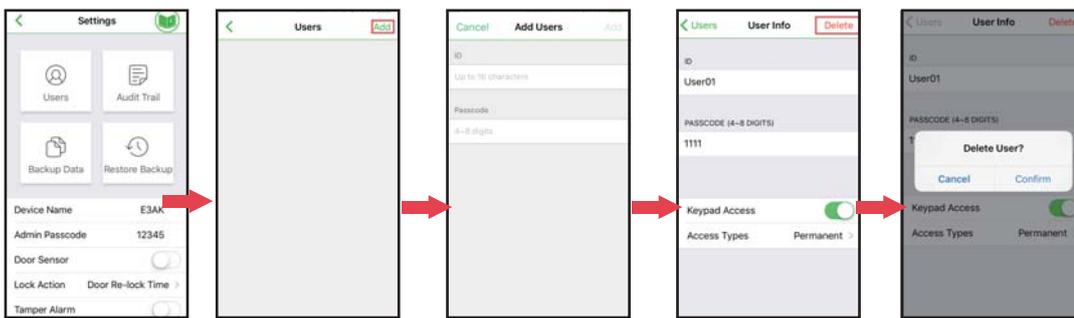2. Admin passcode and User passcode are also used as keypad Passcode access.

## (c) Administrator Settings Page
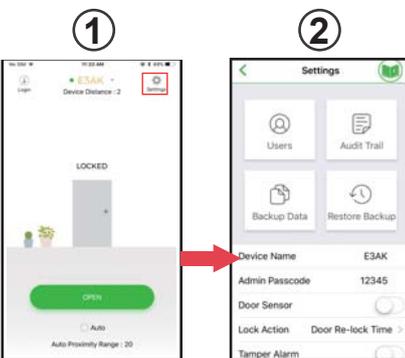
Press ⚙ Settings ① to go to "Settings" page as shown ②.

## (d) Administrator Settings Page Users Management
### Add / Delete / Edit User Information

Press "Users" to edit individual user's information. You can add a user, delete a user, and select individual user to give specific settings.
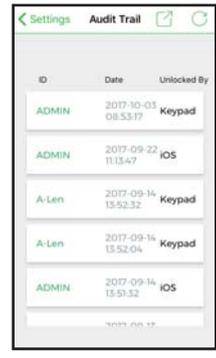
# E3A2 APP

## Administrator Settings Page Introductions :

### Users

You can Add / Delete / Edit user information.

### Audit Trail

Audit Trail is tracking last 1000 event logs, including Tamper Alarm. Audit Trail can be exported in an excel file.
Tap to export all events to excel file.
Tap to refresh all events.

### Backup Data

Backup Data is to backup all data to Administrator's phone and can be restored except Device Name, Audit Trail logs and Device Time.
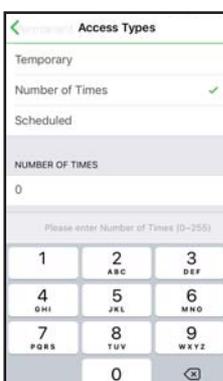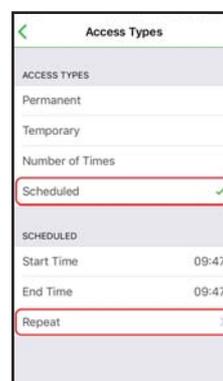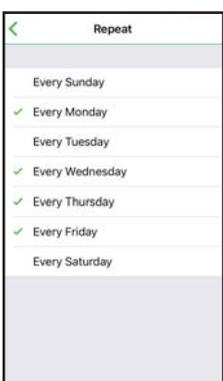
### Restore Backup
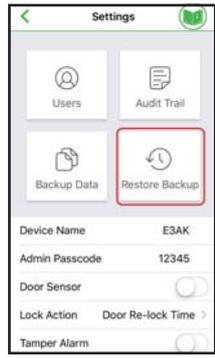
You can restore the last backup data to a new Access Control Keypad / Reader.

### Device Name
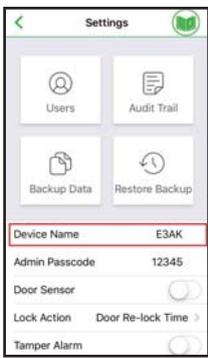
Device name can be edited as a model number, Office, Front door, Gate, etc.

### Admin Passcode
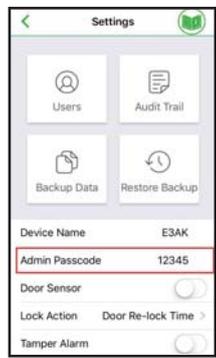
12345 is Admin default passcode. It's important to change your Admin passcode immediately.

### Door Sensor
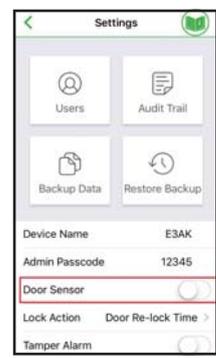
You can enable Door Sensor when you connect to a closed-circuit magnetic sensors or a monitored door lock that has door sensor (or lock sensor) outputs to monitor the open or closed state of a door.

### Lock Action

3 options. You can choose Door Re-lock Time, Door Always Unlocked and Door Always Locked.

### Tamper Alarm
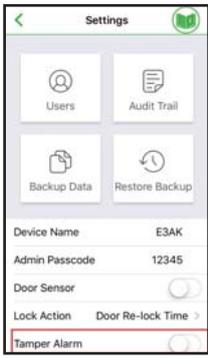
Tamper Alarm is deactivated by default. You can activate Tamper Alarm. If the device is vandalized, the tamper alarm will howl immediately and won't go off until it's switched off by Administrator.

### Door Re-lock Time
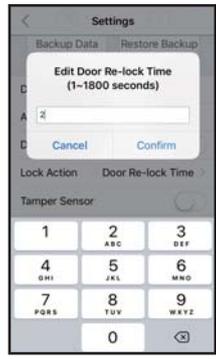
You can set the door re-lock time interval between 1 to 1800 seconds.

### Device Time
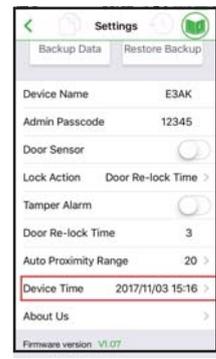
Make sure to set up Device Time precisely as your current time zone of where you are. It helps having correct and precise access data and information.

### About Us

Tap " About Us" to show Device Model, APP version, website and E-Mail information.

4

# E3A2 APP

## Administrator Settings Pages – Users Management
## Edit User Information

### ID

Tap user " ID" to Edit ID.

### PASSCODE

Tap user "PASSCODE" to Edit PASSCODE.

### Keypad Access

You can enable/disable keypad access for a user.

### Access Types

Tap "Access Types" to choose Permanent, Temporary, Number of Times, or Scheduled. The App is set to give Permanent access by default.

### Temporary
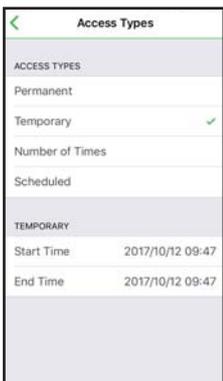
Tap "Temporary" to set specific access time periods.

### Number of Times

Tap "Number of Times" to set number of access granted to user.

### Scheduled

Tap "Scheduled" to assign repeatedly access on specific days and hours for a certain period of time. This setting is useful for house cleaners and other guests that need temporary access on regular basis.

# E3A2 APP

## Auto Proximity Range Adjustment and Auto unlock Function Administrator Interface:



figure ① Tap ① to go to Device list page as ②.

figure ② Select the desired Bluetooth Access Control Keypads/Readers around you.

Tap ④ Settings button to go into Settings page as figure ③ to select "Proximity Read Range"

figure ⑤ Adjust "Auto Proximity Range" for Auto unlock function between 0 to 20.

figure ⑥ Back to the main page. Tap "Auto" to enable Auto unlock function to access.

## Auto Proximity Range Adjustment and Auto unlock Function User Interface:
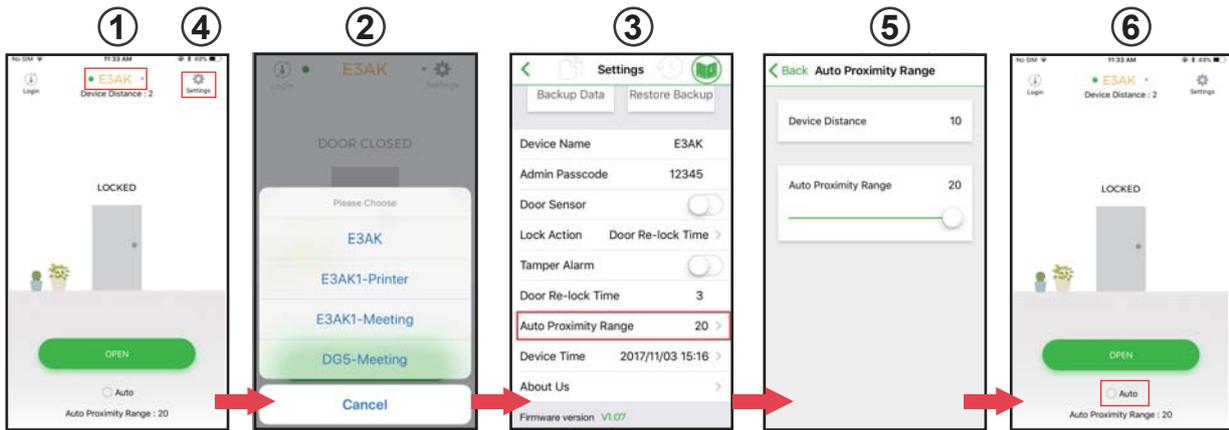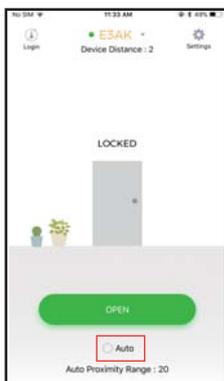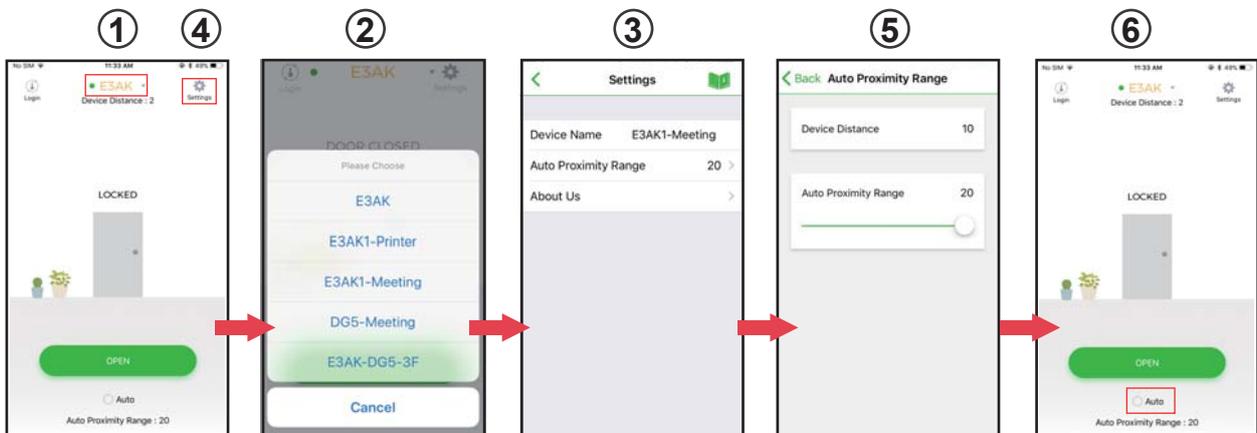




figure ① Tap ① to go to Device list page as ②.

figure ② Select the desired Bluetooth Access Control Keypads/Readers around you.

Tap ④ Settings button to go into Settings page as figure ③ to select "Proximity Read Range"

figure ⑤ Adjust "Auto Proximity Range" for Auto unlock function between 0 to 20.

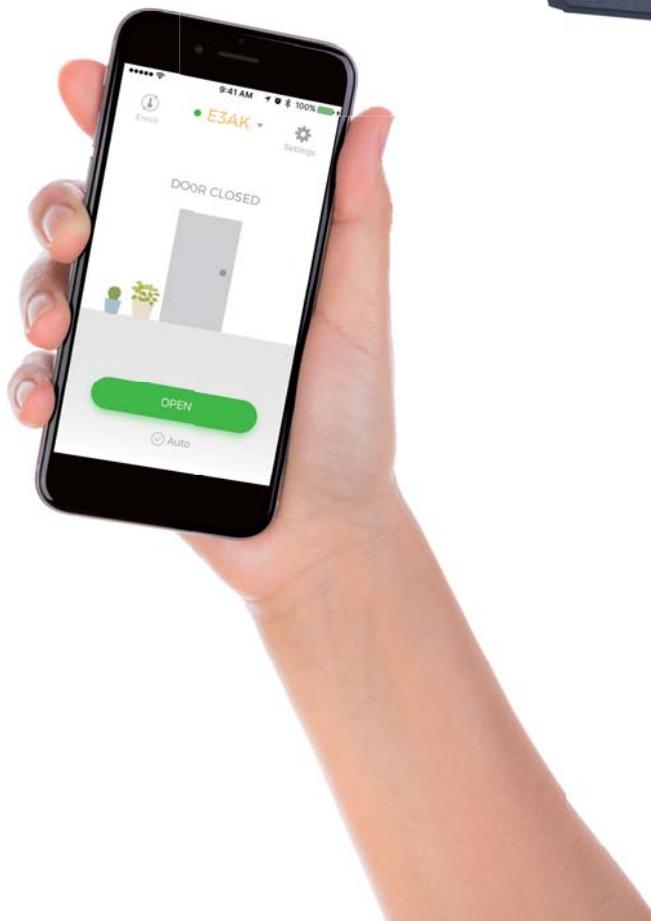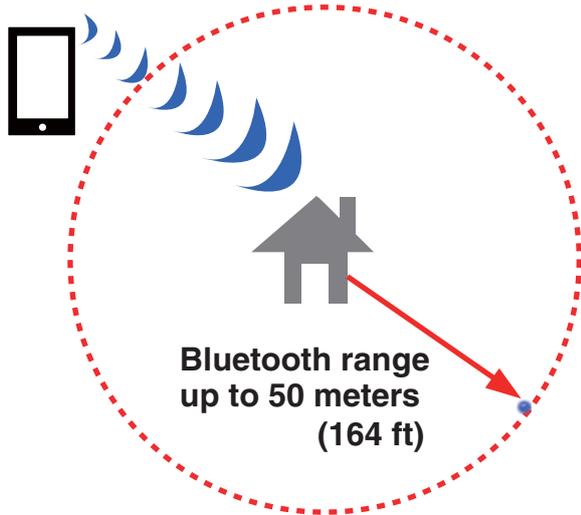figure ⑥ Back to the main page. Tap "Auto" to enable Auto unlock function to access.

**Note:**

Make sure to disable Auto before pressing ⚙️ to enter Settings page.

**Note:**

Stand next to the E3A2 Bluetooth reader when you want to connect the Smartphone to unlock or login, the Bluetooth reader can detect signal up to 50 meters (164 ft) distance. The response time of Bluetooth signal may vary depend on various mobile device models.

**Bluetooth range up to 50 meters (164 ft)**

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# Warranty

This ANXELL product is warranted against defects in material and workmanship while used in normal service for a period of one year from the date of sale . ANXELL's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to ANXELL.

Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair, or alteration, improper or abnormal usage, or faulty installation, or if for any other reason ANXELL determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship.

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