

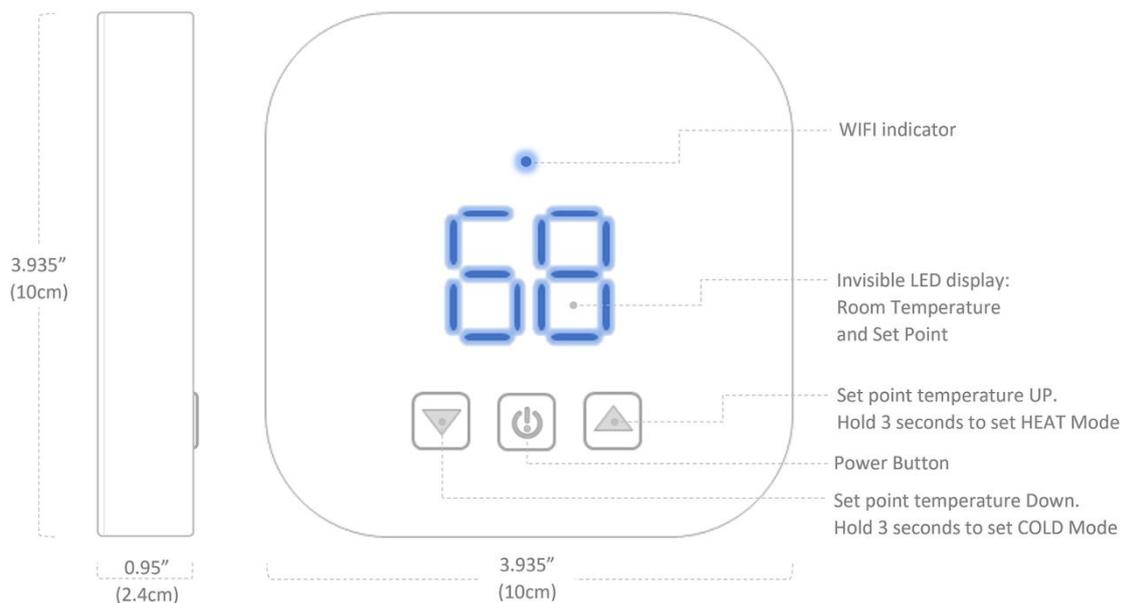


**Manufacture by
EKON Inc.**

**Heating control
Data Sheet**



Wifi Heating Thermostat (wired)



Specification

Voltage: 220-240VAC

Power consumption: Less than 1 kWh/month

Load Current: 2 relays of 3A max.

Control Heating and water source

Display size: 2.85 * 2.54 cm

Display type: invisible blue LED

Temperature: Celsius (default) or Fahrenheit

wifi requirement: 802.11b/g/n 2.4GHz connection

Android requirement: Android 4.0.3 or higher

Apple requirements: iOS8 or higher

Color: white

Size: 10 * 10 * 2.4 cm

In the box: display, base and quick start manual

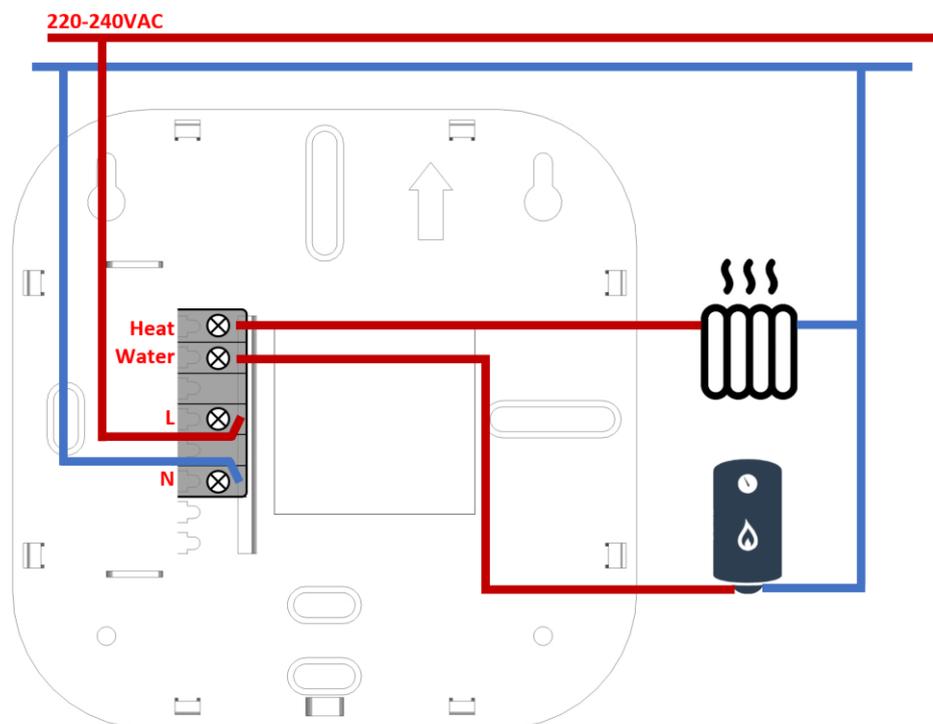
Certification: CE, FCC, IC, EMC, LVD

Warranty: 1 year limited

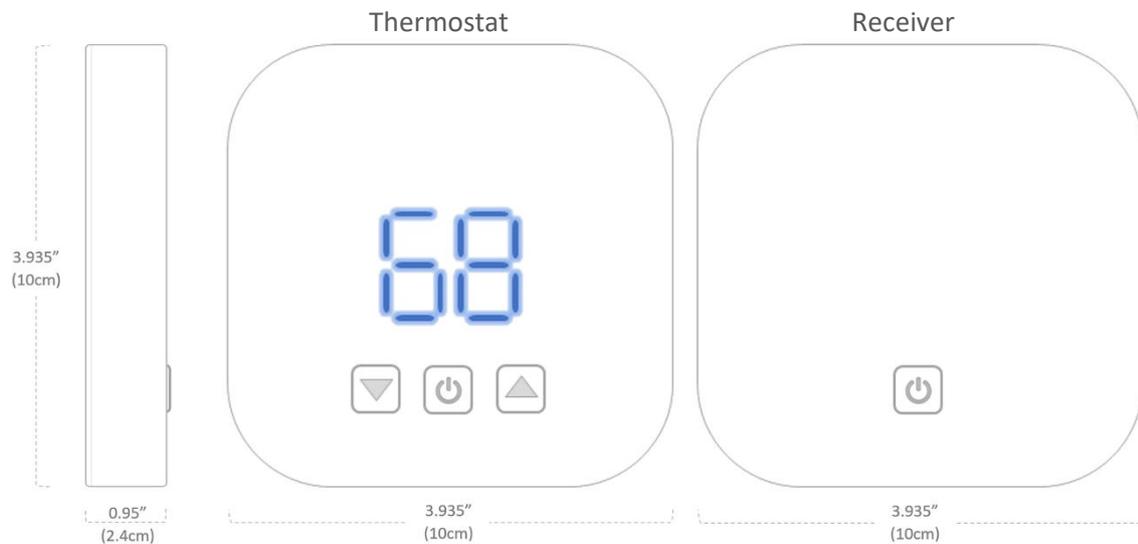
Compatibility

Airconet Heating thermostat is compatible with most 100-240VAC heaters, include:

- heat pumps
- gas or electric heater
- oil or hot water heater
- forced air
- radiators
- geothermal
- solar
- dual fuel systems (require professional installer)



Wifi Heating Thermostat (wireless)



Specification

Voltage: 220-240VAC

Power consumption: Less than 1 kWh/month

Load Current: 2 relays of 3A max.

Control Heating and water heater

Display size: 2.85 * 2.54 cm

Display type: invisible blue LED

Temperature: Fahrenheit (default) or Celsius

Wireless: 433MHZ

RF distance: 10m max. (open space)

wifi requirement: 802.11b/g/n 2.4GHz connection

Apple requirements: iOS8 or higher

Android requirement: Android 4.0.3 or higher

Option table mount thermostat

Color: white

Size thermostat and receiver: 10 * 10 * 2.4 cm

In the box: display, base and screws

Certification: CE, FCC, IC, EMC, LVD

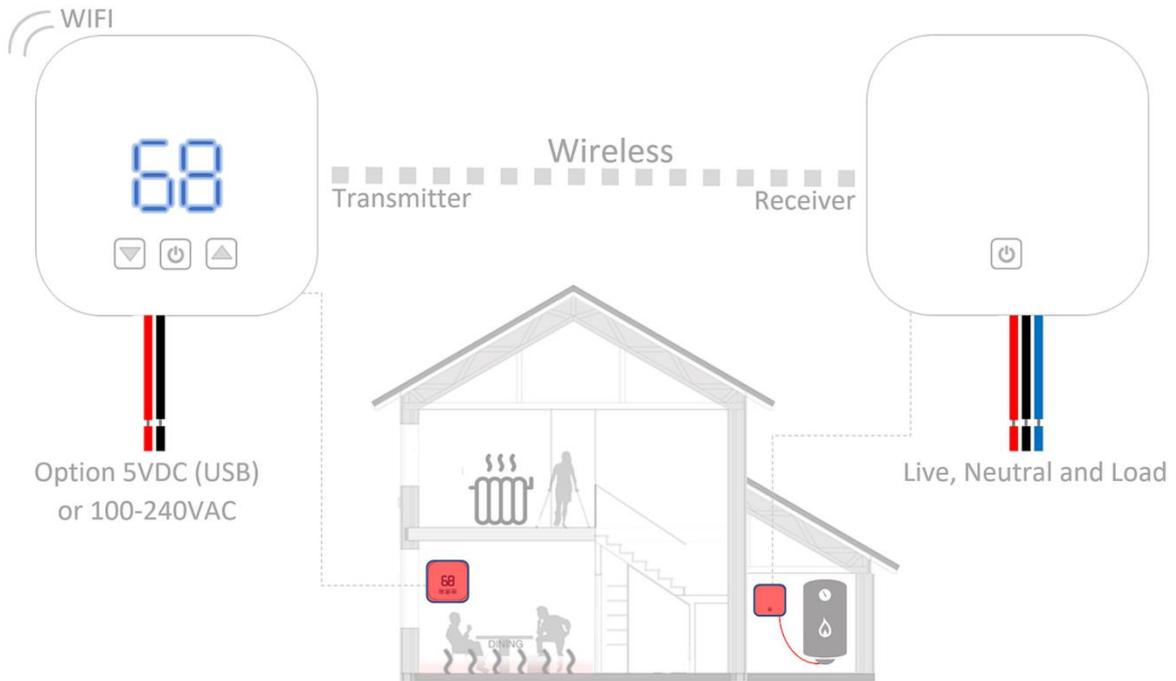
Warranty: 1 year limited

Compatibility

*Heat pumps

*gas or electric

*oil or hot water heater

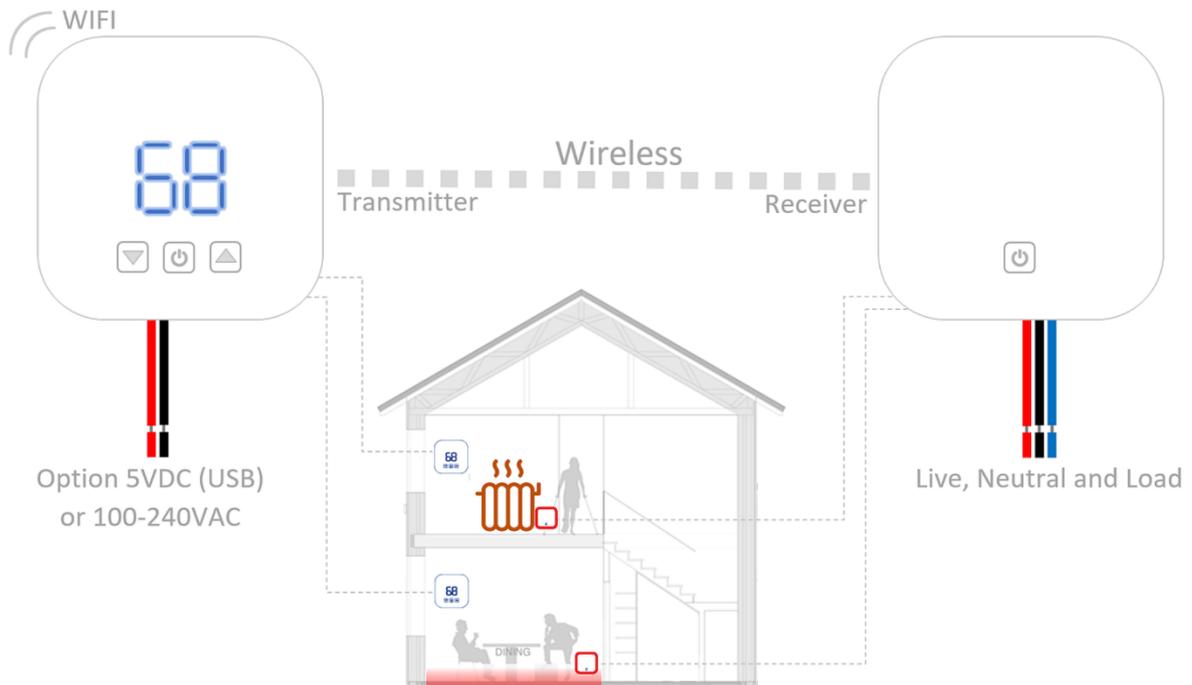


* Radiators

*Multi Valve

* Heated Floor

*Forced Air

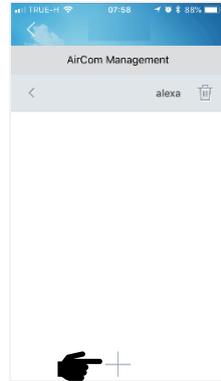


Airconet Quick App Manual

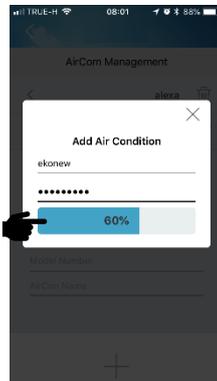
1. Create an account on mobile phone

2. Pair Airconet to Router

Connect mobile phone to router and follow these notes:



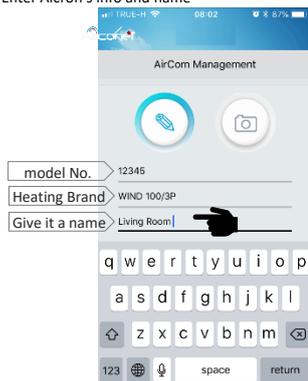
Press '+' to add new thermostat



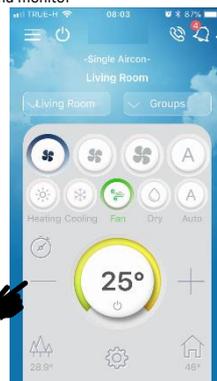
Enter Router's password and press 'Scan'

3. Name it & control it

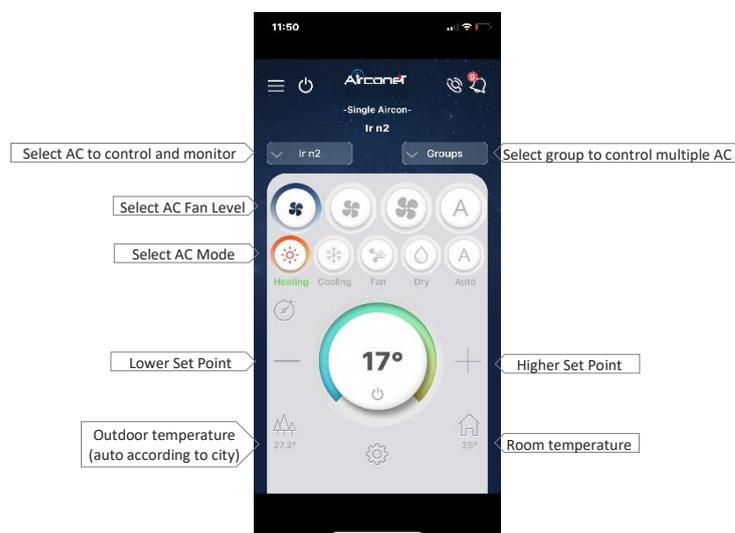
Enter Aircon's info and name



Control and monitor



4. App (iOS and Android)



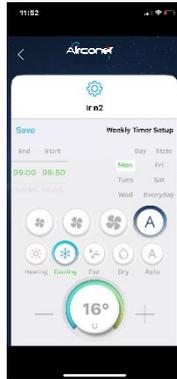
Note: heating App do not have Mode and Fan level

5. Functions

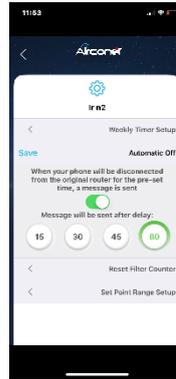
Master On/Off



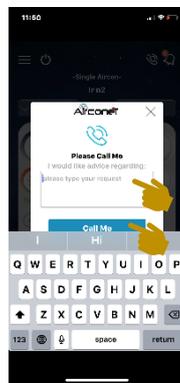
Weekly Timer



Auto Off (away mode)



Call me – send message to Service Centre



Show notification list



A 'clean filter' notification is sent after anyone of the aircon has been working for accumulative 250 hours

About EKON Inc.

EKON Manufacturing and Trading (Shanghai) Incorporation is a foreign investment corporate in Shanghai, China. The company was established since 2008.

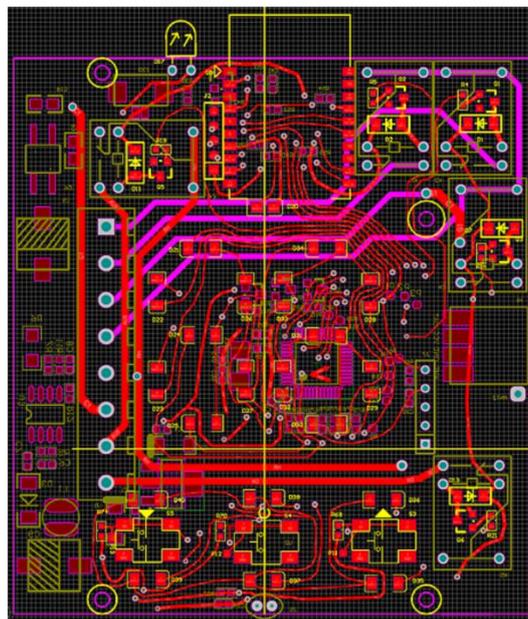
EKON is engaged in the development (ODM) and manufacturing (OEM) of wide range of control systems according to customer requirements. We work in close relationship with our business partners to fully understand their customer's needs and thereafter design and produce a product that will fulfill these specifications, following predefined product target price.

EKON has gained worldwide recognition on our services for many years in the electronics industry. We are committed to offer the best quality and delivery services to our customers.

Our company business scope is divided to these main sections:

Functionality & Electronic Design (include embedded software design)

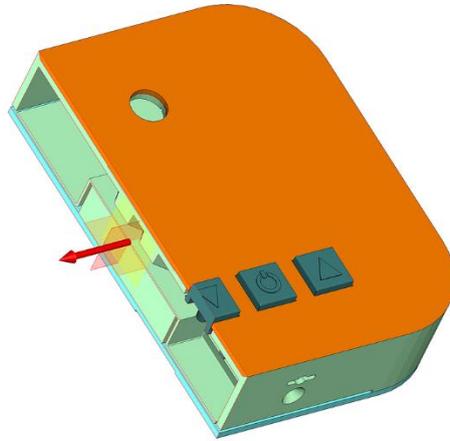
PCB design according to required product functionality. This includes the logic programming of the MCU:



Once the functionality and electronic design is completed, we will make few samples for testing by customer for final confirmation before starting the mass production. In case of unconfirmed sample, we will redo the PCB design to ensure customer spec is follow to the last detail.

Mechanical design

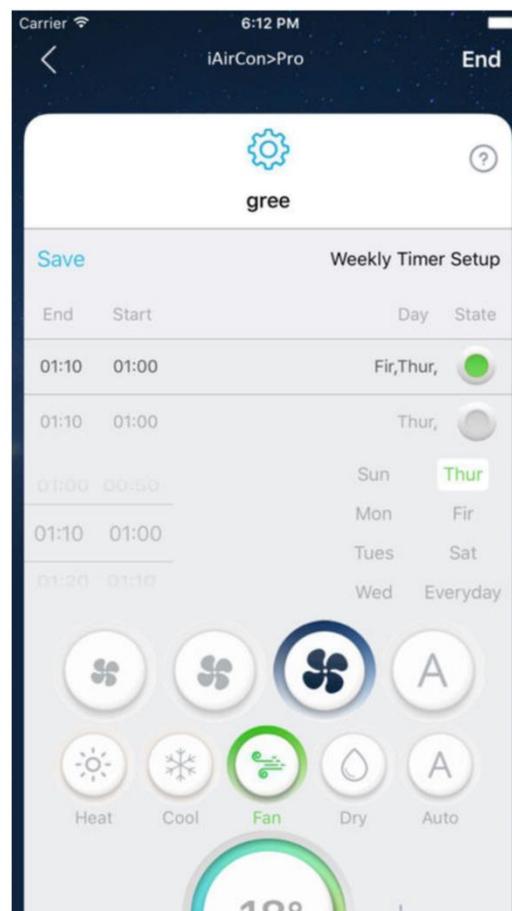
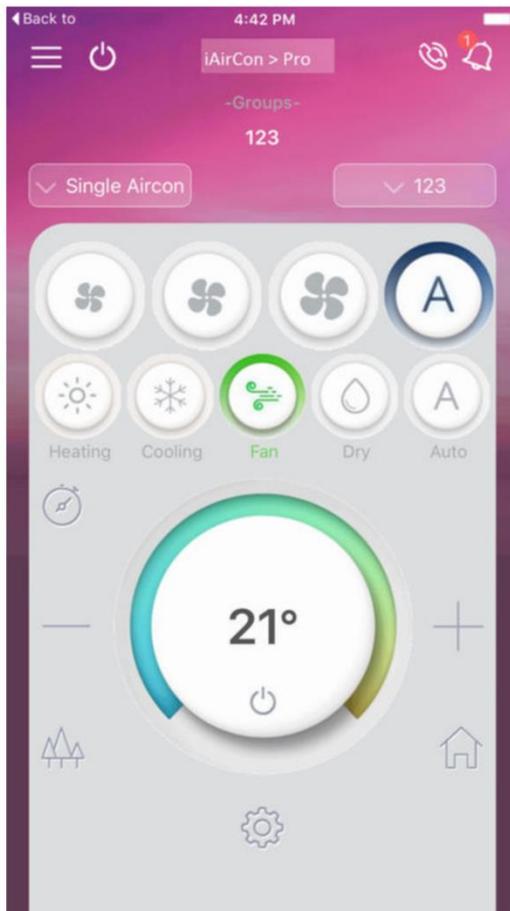
We do 3D design according to customer's demands and market research:



Once the conceptual design is confirmed by the customer according to space limitation (as dictated by our electronic engineers), a 3D Print sample is sent to customer for final confirmation before cutting the mold.

Software design (App and Server)

We design User Interface (GUI) according to customer's perception:



Injection Mold Manufacture

According to the confirmed 3D sample we manufacture Injection Mold and then inject the plastic parts following to the specified material and color:



Electronic Manufacturing (SMT) and Assembly

According to the confirmed sample, we will mass production the product include testing and packing conferring to customer requirements



Safety Standards

During the all design and manufacturing process we will ensure the product can pass safety standards such as CE and FCC Standards:

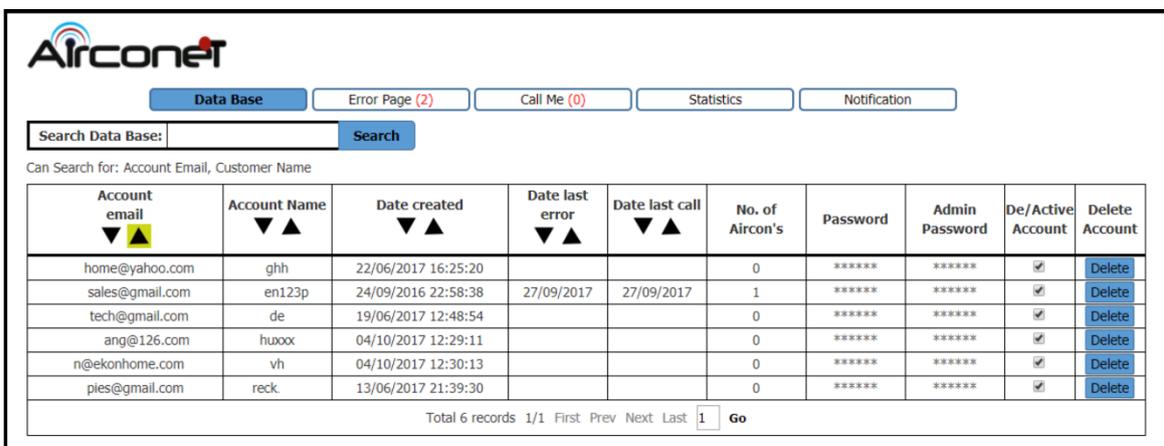
	BST A RELIABLE TESTING FOR TRUST <small>GLOBAL TESTING AND CERTIFICATION PRECISION SERVICE CLOUD FACTORY</small>
<h1>Certificate of Compliance</h1>	
Certificate No.	: SHBST1803976700001YEC-1
Applicant	: EKON MANUFACTURING AND TRADING (SHANGHAI) INCORPORATION 33 Fute North Road, R.515, Wai Gao Qiao Free Trade Zone, Pudong, Shanghai, China. Zip Code: 200131
Manufacturer	: EKON MANUFACTURING AND TRADING (SHANGHAI) INCORPORATION 33 Fute North Road, R.515, Wai Gao Qiao Free Trade Zone, Pudong, Shanghai, China. Zip Code: 200131
Product Name	: SMART THERMOSTAT
Trade Name	:  Simply Smart
Main Test Model	: Airconet
Additional Model	: 24-IR/TX, 42-RF/RXTX (42-RF/RX+42-RF/TX), airconet-HP24/HP240/HP433, airconet-FC24/FC240/FC433, airconet-DM24/DM240/DM433, airconet-HT5/HT240/HT433, Airconet-IR, Smart Aircon
Test Standard	: EN 55032:2015 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017
As shown in the Test Report No.	: SHBST1803976700001YER-1.
<p>The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with this EMC Directive. The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.</p>	
	
	 Christina Deng Manager Mar. 12, 2018
<p>Shenzhen BST Technology Co.,Ltd. Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou,Nanshan District,Shenzhen,Guangdong,China Certificate Search: http://www.bst-lab.com, Tel:400-882-9628, 8009990305, E-mail:christina@bst-lab.com</p>	

HVAC Distributors and Manufacturers

EKON design and develop turn key platform for air conditioner companies to give them better tools to manage its customer data base for superior customer service.

Customer Service

In case there is any error in the air condition, a message is sent to both user (via notification on his / her mobile phone) and the air condition company (via web-based application) with detailed information about the error:



The screenshot shows the Airconet web application interface. At the top, there is a navigation bar with buttons for "Data Base", "Error Page (2)", "Call Me (0)", "Statistics", and "Notification". Below this is a search bar labeled "Search Data Base:" with a "Search" button. The main content area displays a table with the following columns: Account email, Account Name, Date created, Date last error, Date last call, No. of Aircon's, Password, Admin Password, De/Active Account, and Delete Account. The table contains 6 records. At the bottom of the table, it says "Total 6 records 1/1 First Prev Next Last 1 Go".

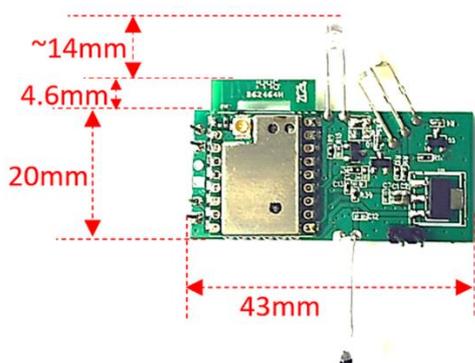
Account email	Account Name	Date created	Date last error	Date last call	No. of Aircon's	Password	Admin Password	De/Active Account	Delete Account
home@yahoo.com	ghh	22/06/2017 16:25:20			0	*****	*****	<input checked="" type="checkbox"/>	Delete
sales@gmail.com	en123p	24/09/2016 22:58:38	27/09/2017	27/09/2017	1	*****	*****	<input checked="" type="checkbox"/>	Delete
tech@gmail.com	de	19/06/2017 12:48:54			0	*****	*****	<input checked="" type="checkbox"/>	Delete
ang@126.com	huxox	04/10/2017 12:29:11			0	*****	*****	<input checked="" type="checkbox"/>	Delete
n@ekonhome.com	vh	04/10/2017 12:30:13			0	*****	*****	<input checked="" type="checkbox"/>	Delete
pies@gmail.com	reck	13/06/2017 21:39:30			0	*****	*****	<input checked="" type="checkbox"/>	Delete

Marketing Notification

Air condition company can send promotion notification to all of its customers. For example: "Enjoy 20% discount on Filter cleaning this month"

Built-in module

EKON design, develop and manufacture built-in PCB to integrate inside air conditioner controller as a wifi add-on:



Company:

EKON Manufacturing and Trading (Shanghai) Incorporation

Address:

33 Fute North Road, Zone 515
Wai Gao Qiao Free Trade Zone,
Pudong, Shanghai, China
Zip Code: 200131

email: ekon@ekonhome.com.cn

website: www.airconet.net

Company Registered year: 2008

Jurisdiction: Pudong, Shanghai, China

Staff:

In-house manufacturing line employees: 120 persons

In-house R&D employees: 8 persons

Management staff: 5 persons

Manufacturing lines:

Injection Mold: 3 machines

SMT line: 7 machines

Automatic Assembly: 3 lines

Wave soldering: 1 machine