Easi Touch

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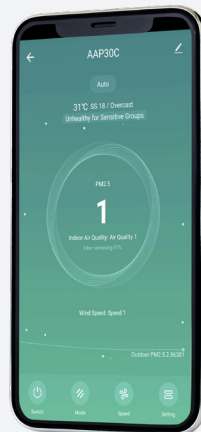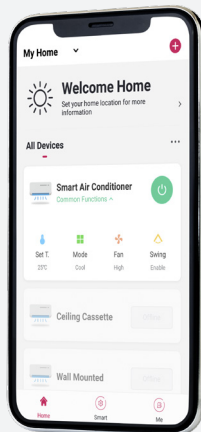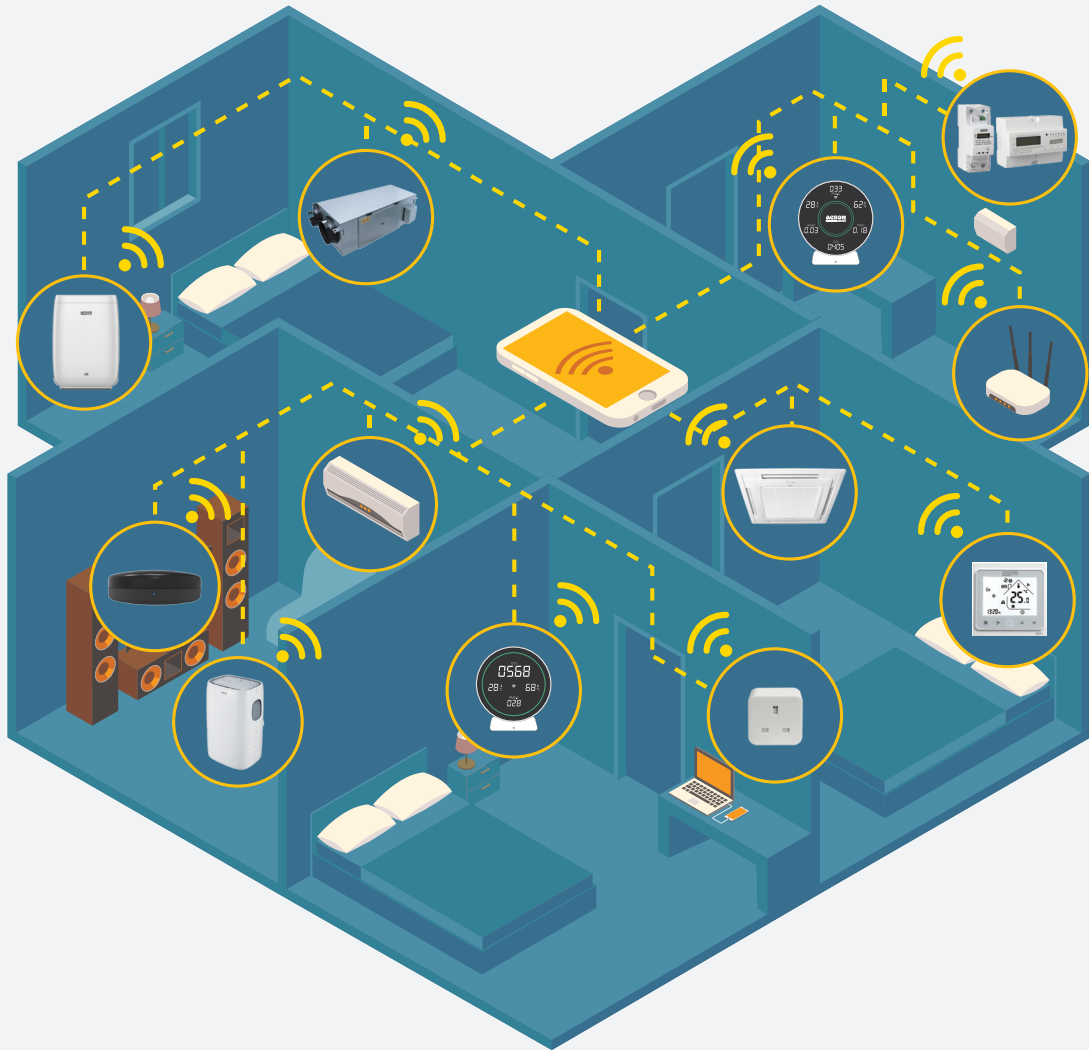International
Air Conditioners

One Touch Away From Your Easy Life

CAT-EASITOUCH-2301

THE SMART SOLUTION FROM ACSON

Smart Home Access With

EASI TOUCH

Stay connected with your home through Easi Touch, providing convenience, energy saving and device fault management solution. All kinds of home-related systems and devices are now connected to the Internet as part of the rapidly evolving Internet of Things.

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Indoor Air Quality

Manage your indoor air quality all from one app, users can integrate smart air solution devices with each other to form a complete indoor air quality solution.

Automation Example

Maintain PM2.5 and temperature

By reading sensor's data, user can set to regulate key air quality parameters to maintain air quality within certain level.

Air Purifier

Portable Air Conditioner

Wi-Fi Thermostat

Heat Recovery Ventilator

Indoor Air Quality Monitor

Detect data such as temperature, humidity, carbon dioxide, PM2.5, HCHO and TVOC. Display indoor air quality and integrate with smart appliances such as fresh air systems and purifiers.

Indoor Air Quality Monitor 4 in 1

Indoor Air Quality Monitor 6 in 1

Fault Management

Provide simple information on device's faulty status and enable user to take swift action from the notification provided through Easi Touch app.

Automation Example

User can know the operating condition of Air Cond through mobile apps and respond swiftly to any fault reported.

Energy Saving

Collect real-time electricity usage data from home appliances and enable user to monitor energy consumption on a daily & monthly basis via Easi Touch app.

Single Phase Power Meter

Three Phase Power Meter

Smart Plug

Smart Air Conditioner

Automation Example

Reduce appliances energy consumption

Data on the energy consumption of the home appliance collected from smart power meter will be a useful insight for user to manage / reduce the usage (e.g. set schedule or threshold value of energy consumption).

Smart Plug

Model	AETW01-SP
Input Voltage	AC100V-240V, 50/60Hz
Max. Load	13A
Wireless Protocol	2.4 GHz Wi-Fi
Dimension (H x W x D)	55 x 55 x 38mm

Features

1. Remotely control the Smart Plug via Easi Touch app using your smartphone.

2. Provide real time reports on the energy consumption of your home appliances in app.

3. User can set customized scenarios and automations to trigger ON/OFF of home appliances.

Indoor Air Quality Monitor 6 in 1

Model	AETW01-IAQ6
Input Power	5V / 2A
Battery Capacity	1400mAh
Dimension (L x W x H)	110 x 98 x 48mm
Operating Temperature Range	-9°C - 45°C
Wireless Protocol	2.4 GHz Wi-Fi

Measuring Range

Name	Measuring Range	Accuracy
PM2.5	0 - 999 µg/m³	1 µg/m³
HCHO	0 - 2.5 mg/m³	0.01 mg/m³
CO_2	400 - 5000 PPM	1 PPM
TVOC	0 - 9.99 µg/m³	0.01 mg/m³
Temperature	-9°C - 50°C	1°C
Humidity	0 - 99% RH	1% RH

Air Quality

Colour	Level	PM2.5 (µg/m³)	CO_2 (PPM)	HCHO (mg/m³)
	Good	0 - 35	400 - 1000	≤0.08
	Normal	36 - 75	1001 - 1500	-
	Mild Contamination	76 - 100	1501 - 2000	0.09 - 0.10
	Severe Pollution	>100	>2000	≥0.11

Indoor Air Quality Monitor 4 in 1

Model	AETW01-IAQ4
Input Power	5V / 2A
Battery Capacity	1400mAh
Dimension (L x W x H)	110 x 98 x 48mm
Operating Temperature Range	-9°C - 45°C
Wireless Protocol	2.4 GHz Wi-Fi

Measuring Range

Name	Measuring Range	Accuracy
PM2.5	0 - 999 µg/m³	100 - 500 µg/m³: ±10%
		0 - 100 µg/m³: ±10 µg/m³
CO_2	400 - 5000 PPM	± (50 PPM + 5% of reading)
Temperature	-9°C - 50°C	1°C
Humidity	0 - 99% RH	±2% RH

Air Quality

Colour	Level	PM2.5 (µg/m³)	CO_2 (PPM)
	Good	0 - 35	400 - 1000
	Normal	36 - 75	1001 - 1500
	Mild Contamination	76 - 100	1501 - 2000
	Severe Pollution	>100	>2000

Multimode Gateway

Model	AETZ01-GW
Input Power	5V / 1A
Wireless Protocol	2.4 GHz Wi-Fi & ZigBee & BLE
Dimension (L x W x H)	60 x 60 x 15mm
Operating Temperature Range	-10°C - 45°C
Operating Humidity Range	5% - 90% RH (no condensation)

Features

1. Control sub-devices of the gateway, supporting remote control and group control for connected Bluetooth and Zigbee smart devices in app.

2. User can set customized scenarios and automations between the added Zigbee and Bluetooth sub-devices to form a solid smart control system.

IR Remote Controller

Model	AETW01-RC
Input Power	5V / 1A
IR Frequency	38 - 56kHz
Wireless Protocol	2.4 GHz Wi-Fi
Infrared Range	≤10 m
Dimension (L x W x H)	68 x 68 x 17mm
Operating Temperature Range	0°C - 50°C
Operating Humidity Range	≤85% RH

Features

1. Support all IR controlled devices such as TV, TV box (Astro), air conditioner, purifier, etc.

2. Convert your smart phone into a universal remote control to control all the IR devices in one place.

Air Purifier

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for more info

Model	AAP30C
Power Supply	220 - 240V / 50Hz
Clean Air Delivery Rate (CADR)	350 m³/h
Recommended Room Size	Up to 42 m²
Noise Level (H/M/L)	49 / 39.5 / 16 dB(A)
Filter	3-in-1 Hepa Composite Filter
Dimension	495 x 350 x 220mm
Wireless Protocol	2.4 GHz Wi-Fi

Features

1. Five stages of air filtration - Pre Filter, HEPA Filter, Activated carbon, plusma techonology, and UV-C Technology.

2. Product Interface - PM2.5 value displayed, air quality ring colour indicator, fan speed level, sleep mode, child lock, UV-C technology, ioniser, replaceable filter and Wi-Fi control.

Portable Air Conditioner

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Model	A5PA15D
Input Power	1200 W
Rated Current	7.4 A
EER	2.91 W/W
Power Supply	220 - 240V / 50Hz
Nominal Cooling Capacity	12,000 BTU/hr
Airflow (H/M/L)	350 / 330 / 310 m³/h
Sound Pressure (H/M/L)	54 / 54 / 52 dB(A)
Water Tank Volume	0.8 L
Wireless Protocol	2.4 GHz Wi-Fi

Features

1. Mobility and versatility - Acson A5PA15D is equipped with castors to move from one place to another. White stylish design with elegant led display of temperature, mode, timer, Wi-Fi and fan level setting.

2. Double Condenser Technology - This unit equipped with double condenser technology to evaporate all excessive water. The excessive water will be collected inside a tank and when it is full, it will be alerted to execute fogging that help to exhaust all excessive water.

Controller and Accessories included:

Fresh Air Unit - Astro Cube

Model	AstroCube
Power Supply	220 - 240V / 50Hz
Recommended Room Size	56 - 477 m²
Noise Level	41 - 51 dB(A)
Airflow	500 CMH
Wireless Protocol	2.4 GHz Wi-Fi

Features

1. Reduce high carbon dioxide concentration in the room by the positive pressure that flushes out dust and dirty air through the cracks in the window or door. It blocks outdoor PM2.5 and other pollutants from entering the room.

2. Each cube is designed for optimum air filtration efficiency, with options to achieve normal to very high air filtration operation depending on the environment.

Air Purifier - AstroPure

Model	AstroPure 550C
Power Supply	220 - 240V / 50/60Hz
Clean Air Delivery Rate (CADR)	550 - 700 CMH
Recommended Room Size	182 m²
Noise Level	22 - 55.9 dB(A)
Wireless Protocol	2.4 GHz Wi-Fi

Features

1. Four stages of air filtration that is effective in purifying the polluted air, such as pollen, haze, fine dust harmful gases and odours.

2. Intelligent Sensor - Equipped with the advance sensors to monitor the indoor air quality accurately.

Fresh Air Unit - AstroFresh

Model	AstroFresh
Power Supply	220 - 240V / 50Hz
Fresh Air Flow	60 / 120 / 180 / 240 CMH
Recommended Room Size	27 - 229 m²
Sound Pressure Level	35 - 47 dBA
Wireless Protocol	2.4 GHz Wi-Fi

Features

1. Powerful Purifying Performance - Filtered effectively the polluted outdoor air before entering into the room and inactive microbes with the 254nm UV-C achieving a sterilization rate of 99.9%.

2. Reduce high carbon dioxide concentrations in a room using one-button intelligent control that can quickly reduce carbon dioxide content by 70% in 60 minutes.

Single Phase Power Meter

Model	AETW01-PM
Power Source	110 - 230V / 1Ph
Rated Frequency	50Hz / 60Hz
Rated Current	5 (65)A
Operating Temperature	-25°C - 70°C
Dimension (H x W x D)	100 x 36 x 65mm
Wireless Protocol	2.4 GHz Wi-Fi

Features

1. Bi-directional total active energy measurement, reverse active energy measure in the total active energy.

2. The meter display real voltage, real current and real active power.

3. Pulse LED indicates working of meter, pulse output with optical coupling isolation 18 - 27V & 27mA.

4. Measuring active energy without calibration under long term operation.

5. User can read data, control ON/OFF remotely as well as schedule timer through Easi Touch App.

Three Phase Power Meter

Model	AETW01-PM3
Power Source	3 x 230/400V / 3Ph
Rated Frequency	50Hz / 60Hz
Rated Current	5(60)A, 10(80)A
Operating Temperature	-25°C - 70°C
Dimension (H x W x D)	126 x 99 x 65mm
Wireless Protocol	2.4 GHz Wi-Fi

Features

1. LCD display 6+2.

2. Bi-directional total active energy measurement, reserve active energy measure in the total active energy.

3. The meter display three phase real voltage, real current, real active power, real power factory and real frequency.

4. Pulse LED indicates working of meter, pulse output with optical coupling isolation.

5. User can read data, control ON/OFF remotely as well as schedule timer through Easi Touch App.

Acson Smart Air Conditioner
(Wi-Fi / Zigbee)

Easi Touch
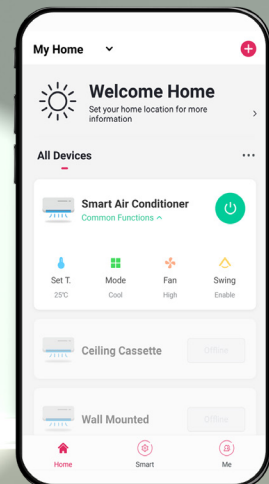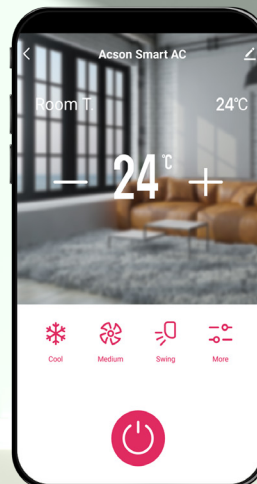
Thermostat

Model	AETW01-TM
Power Source	95 - 240Vac, 50/60Hz
Dimension (H x W x D)	86 x 86 x 43.4mm
Application	2-pipe system, delay on
Wireless Protocol	2.4 GHz Wi-Fi

Features

1. Able to program the schedule for up to 7 days with 6 different scenarios.
2. Able to group all the thermostat units for centralized control via Easi Touch app.
3. Has a button lock function to ensure smooth operation of the system.
4. All settings will remain in the previous state if sudden power interruption occurs.

Smoke Detector

Model	SmokeDetector
Input Power	3V
Detection Range	50m^2
Operating Temperature	-10°C - 55°C
Operating Humidity	5 - 95% RH
Wireless Protocol	Zigbee

Features

1. Receive notifications in app when smoke is detected.
2. Snap-in mounting bracket design.
3. Simple installation & convenient maintenance.

Door / Window Sensor

Model	Door / Window Sensor
Input Power	3V
Operating Temperature	-10°C - 55°C
Operating Humidity	5 - 95% RH
Main Body Dimension	54 x 22.2 x 12.5mm
Secondary Body Dimension	33.3 x 10.2 x 12.5mm
Wireless Protocol	Zigbee

Features

1. Monitor and detects opening & closing of doors, windows and cabinets in real time.
2. Uses the distance between the magnets inside the sensor and the magnet to determine the present status of doors or windows.

PIR Motion Sensor

Model	PIR MotionSensor
Input Power	3V
Operating Temperature	-10°C - 55°C
Operating Humidity	5 - 95% RH
Dimension	φ40 x 48mm
Wireless Protocol	Zigbee

Features

1. Modern spherical lens quaternary sensor for tracking human movement.
2. Flexible installation and the detection angle can be adjusted freely.

Smart Switch

Model	SmartSwitch
Input Power	100 - 240V
Dimension	86 x 86 x 37.5mm
Wireless Protocol	2.4 GHz Wi-Fi / Zigbee

Features

1. Ideal for families with various needs.
2. Has multiple functions for a button.
   (e.g. press once, press twice and hold for a function)

acson
International
Air Conditioners