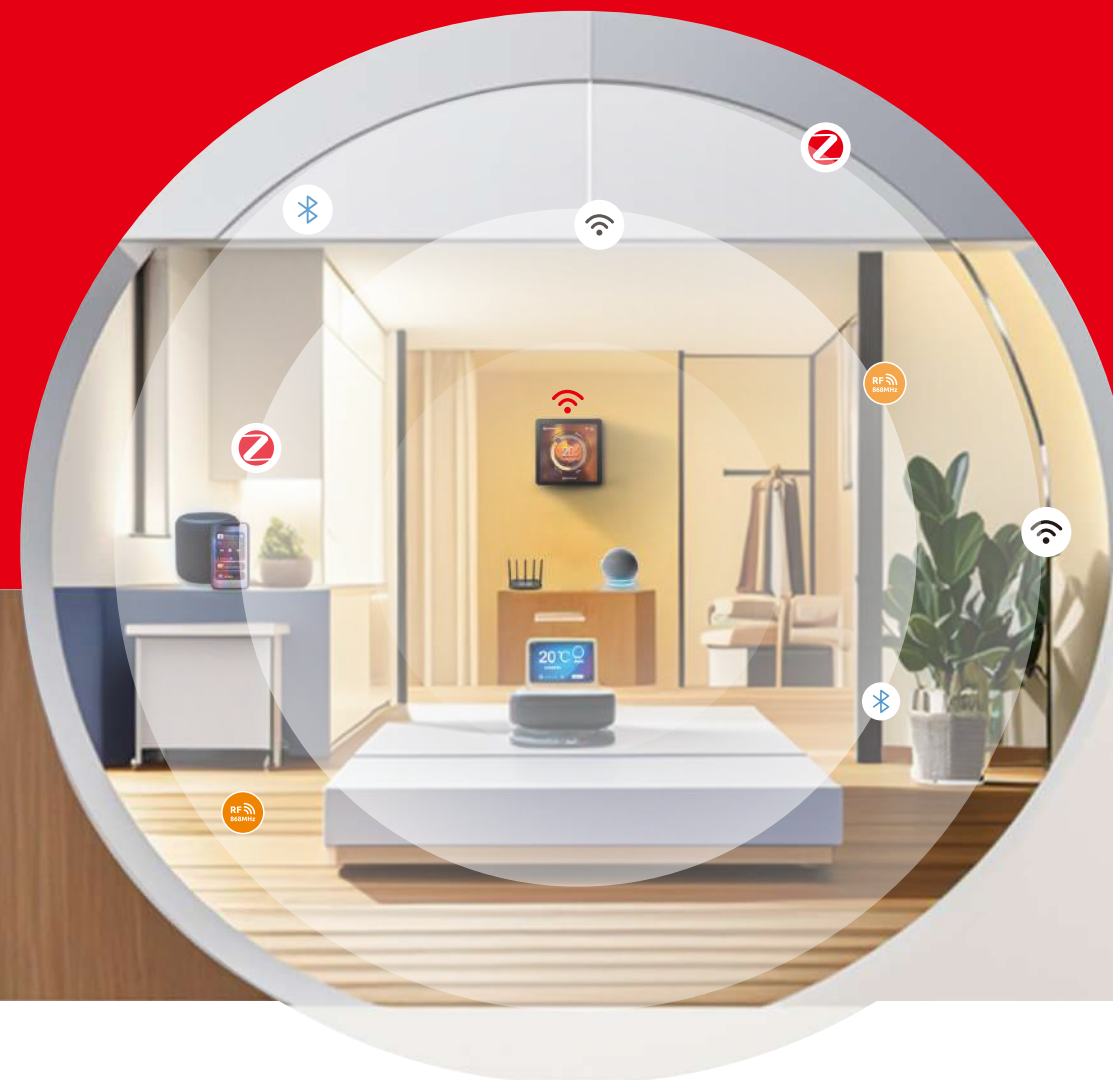




Scan to get an e-catalogue

SMART HOME

SMART CLIMATE CONTROL



SHENZHEN SASWELL TECHNOLOGY INC.

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SHENZHEN SASWELL TECHNOLOGY INC.

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www.saswell.com

Office

1000 Square
Meters Office



R & D
Center

天安云谷

SASWELL was founded in 1998, with the goal of offering people smart home solutions, specialized in development, produce and sales smart thermostat and eTRV. Experience enhanced comfort, increased savings, and advanced control with smart thermostat with voice control. SASWELL won high reputation by virtue of fast R&D speed, short production circle, high cost-effective. We believe through energy efficiency and conservation, we can create a more sustainable world.

SIMPLE & SAVING WORK WELL

Factory

5000 Square
Meters Workshop



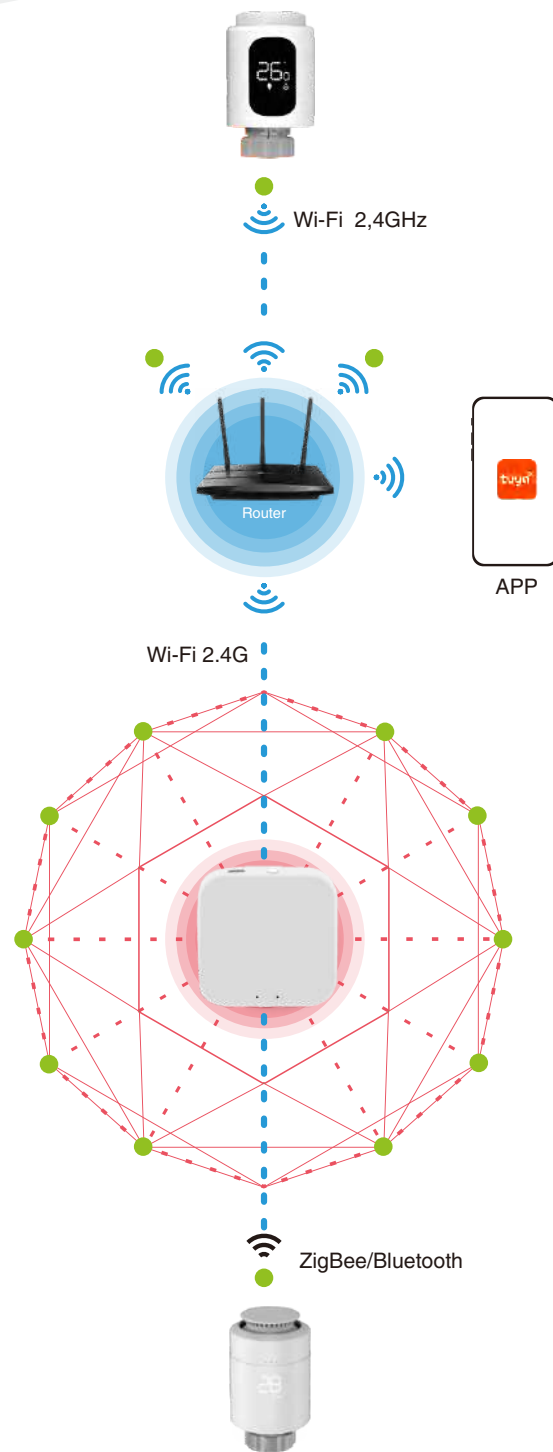
Communication technology

Wi-Fi, ZigBee, Bluetooth, RF



Wi-Fi 2.4G

- ✓ No need for an Internet gateway for Wi-Fi device to work.
- ✓ Very fast response time - common refreshing information from the cloud.
- ✓ Wi-Fi protocol is used.



ZigBee



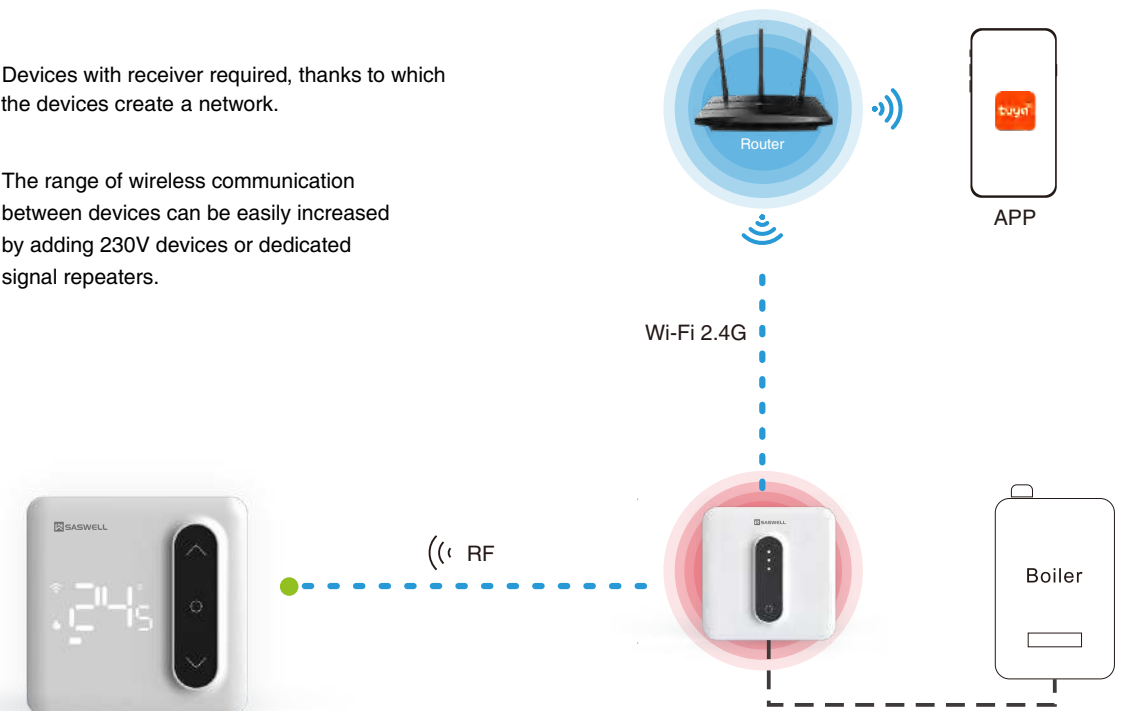
Bluetooth

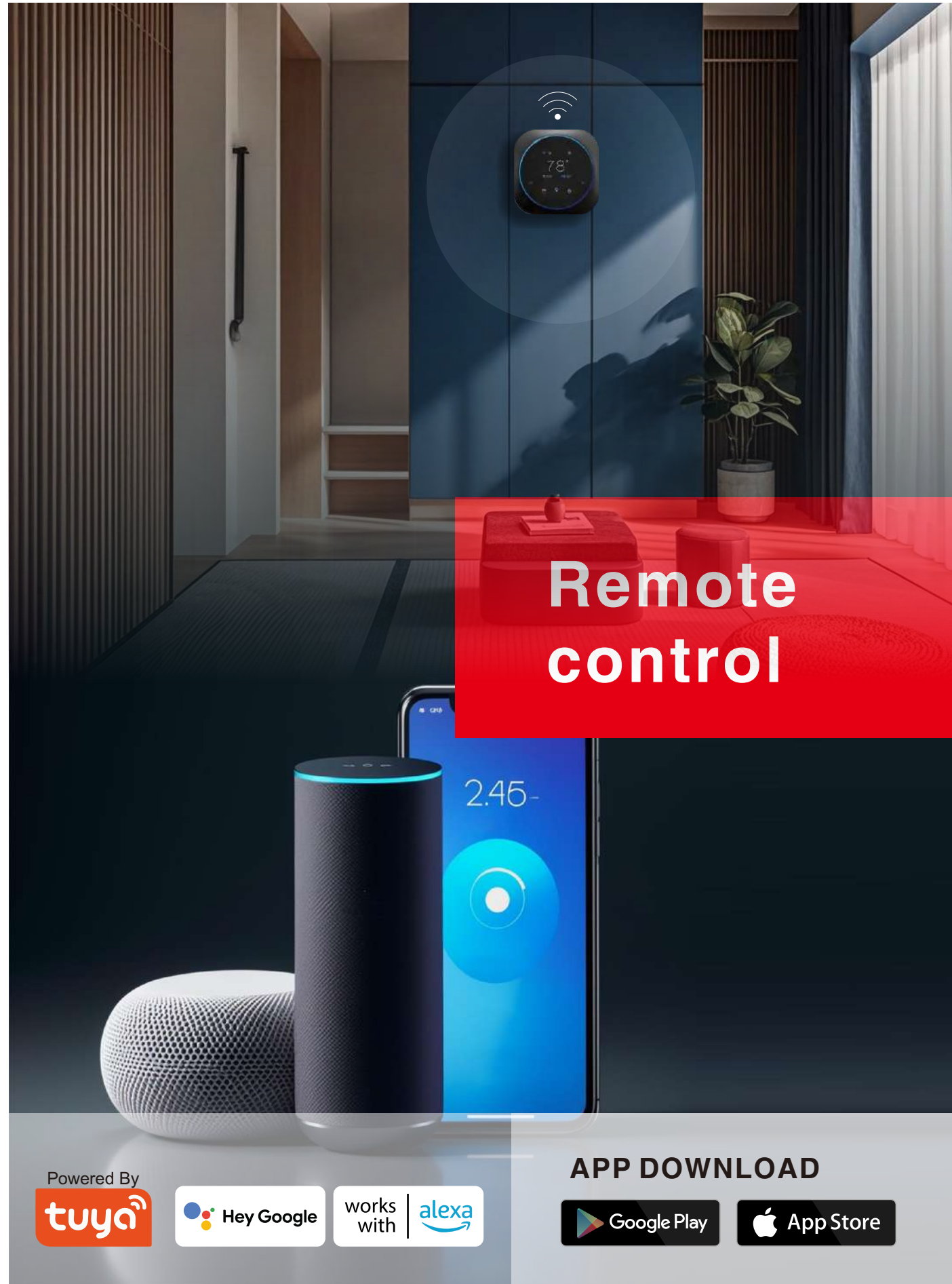
- ✓ Devices with ZigBee/bluetooth required Internet gateway, thanks to which the devices create a MESH network.
- ✓ Low power consumption allows this protocol to be used in battery-powered devices.
- ✓ The range of wireless communication between devices can be easily increased by adding 230V devices or dedicated signal repeaters.



Radio Frequency

- ✓ Devices with receiver required, thanks to which the devices create a network.
- ✓ The range of wireless communication between devices can be easily increased by adding 230V devices or dedicated signal repeaters.





Remote
control

Powered By



APP DOWNLOAD



Catalog

01-04

Thermostatic
radiator valves

SEA802-Z01
SEA802-DF
SEA802-B01
SEA802-MATTER
SEA888-Z03
SEA889-WIFI

05-14

Boiler control
thermostat

T19XWHB-7-RF-APP(TY)
SAS936WHB-7-RF-APP(TY)
SAS936WHB-7-RFZ
SAS936RHB-7-Z03(RY)
SAS936RHB-7-Z03
SAS936RHB-7-ZT5

15-20

Underfloor
heating
thermostat

SAS920WHL-7W-WIFI(TY)
SAS922WHL-7W-S-WIFI(TY)
SAS920FHL-7-WIFI(TY)
SAS922FHL-7-WIFI(TY)

21-26

Heat pump
thermostat

SAS931WCH-XT-WIFI(TY)
SAS936+SCU217

27-28

Fan coil unit
thermostat

SAS922XMTW-7S-WIFI(TY)-485

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Colorful wired
controller

SAS965XK-485-WIFI(TY)

33-36

US standard
thermostat

T18XUTW-7-WIFI(TY)
T18BUTW-7-WIFI(TY)
T29UTW-7-WIFI(TY)

37-40

Air quality
monitor

T18XAIR-485-WIFI(TY)
AQC912-PCTH-485-WIFI(24V)

41-44

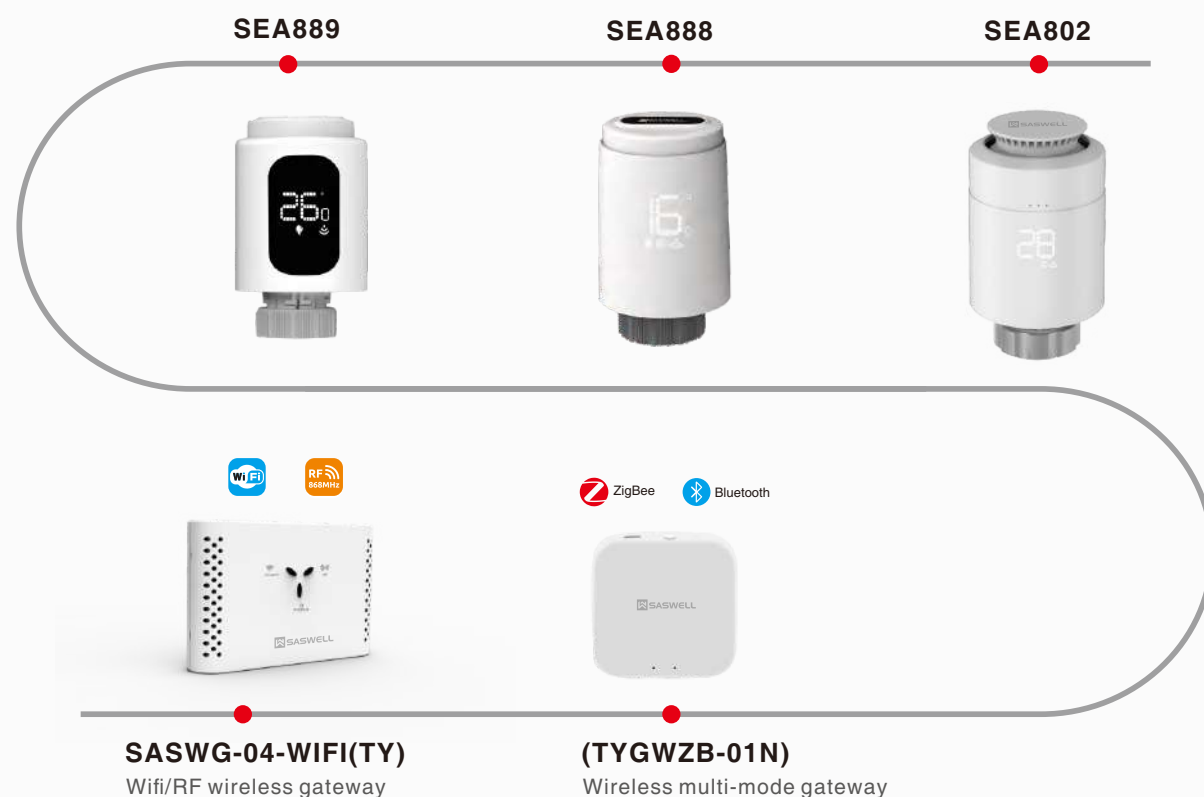
Smart
irrigation kit

SAS981XRTH-GS-Z01(TY)
SAS980SWT-7-Z01



Thermostatic Radiator Valves

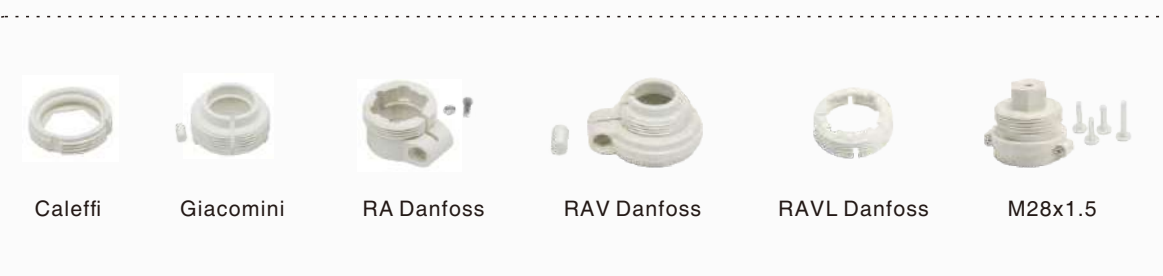




Models

Item No.	Gateway	Bluetooth	Zigbee	Wifi	Matter
SEA889-WIFI(TY)				Y	
SEA888-Z03	Y		Zigbee 2.0		
SEA802-Z01	Y		Zigbee 2.0		
SEA802-B01	Y	Y			
SEA802-DF	Y			Y	
SEA802-Z30	Y		Zigbee 3.0	Y	
SEA802-MATTER				Y	Y

Adapters



Specifications

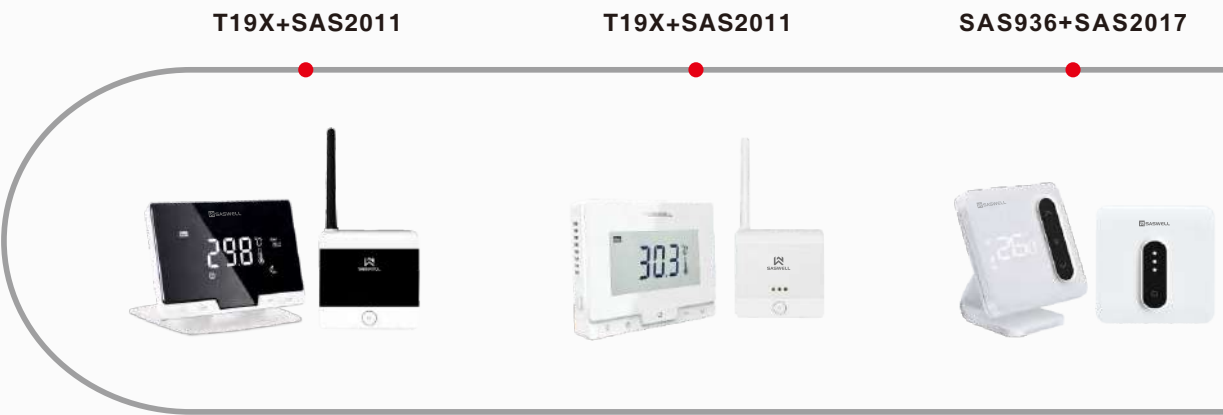
Temperature setting range: 5°C~30°C
 Temperature setting accuracy: 0.5°C
 Temperature display range: 0°C~50°C
 Connection: M30x1.5mm
 Frequency: 2.4GHz
 Display: LED screen
 IP class: IP21
 Shipping & storage temperature: -10°C~60°C
 Installation type: installation on the radiator valves

Features

- Open window function
- APP remote control
- Anti-scale function
- Child lock function
- Anti-freezing function
- Work with amazon Alexa and Google assistant
- 7-day programmable
- Low power alarm

Boiler control thermostat





Models

Item No.	RF	Zigbee	Wifi	APP
SAS936WHB-7-RFZ	Y	Y		Y
SAS936WHB-7-RF-APP(TY)	Y		Y	Y
T19XWHB-7-RF-APP(TY)	Y		Y	Y

Specifications

Transmitter

- Power supply: 2x1.5V AA alkaline batteries(LR6)
- Temperature display: 0~50°C
- Temperature setting range: 5~35°C
- Temperature display accuracy: 0.1°C
- RF wireless transmit range: Open 100m in open air
- Storage temperature & humidity: -10~60°C, 25~90%RH (non condensation)
- Operation temperature & humidity: 0~50°C, 25~90%RH (non condensation)

Receiver

- Power source: 100-240VAC 50/60Hz
- Output(Relay): I_{max} 8(5)A 250VAC
- RF frequency: 868MHz
- RF transmission distance: 100m in open air
- IP Rating: IP21



Features

- APP remote control
- Work with amazon Alexa and Google assistant
- Low power alarm
- Touch button, easy to operate
- Anti-freezing function
- 7-day programmable
- Open window function
- Key lock function
- Desktop or wall-mounted
- Temporarily override

Specifications

SAS936WHB-7-ZT5

- Power supply: 2x1.5V AA alkaline batteries(LR6)
- Output(Relay): I_{max} 8(5)A 250VAC
- Temperature setting range: 5~30°C
- Temperature display accuracy: 0.1°C
- Zigbee wireless transmit range: 30m in open air
- Temperature display: 0~50°C
- Battery life:1 year
- Dimensions:100*100*19mm
- Operation temperature & humidity:
0~50°C, 25~90%RH (non condensation)



Features

- | | | |
|---|----------------------|------------------------|
| APP remote control | 7-day programmable | Touch button |
| Work with amazon Alexa and Google assistant | Open window function | Anti-freezing function |
| Low power alarm | Key lock function | Boost function |
| Optimum stop/start | Temporarily override | Geofencing function |



Group control and zone controllers effectively manage the heating system

By grouping smart radiators or thermostats in different rooms and designating one as the master device, you can monitor and adjust the temperature settings across all rooms from any device in the group. When a room requires heating, the Zone controller activates the heating system. All rooms managed by this Zone controller belong to the same heating zone.



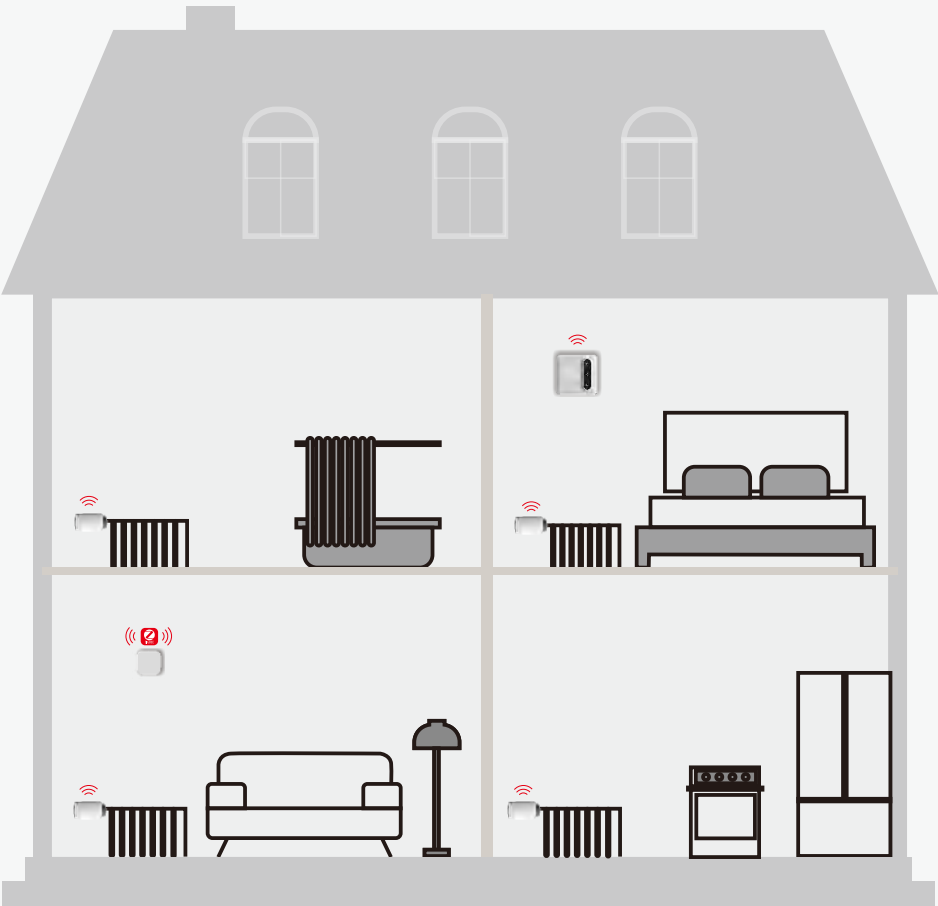
Smart Controller Kit

- Thermostat:SAS936RHB-7-Z03
- Relay:SAS936RHB-7-Z03(RY)
- TRV:SEA888-Z03
- Gateway:TYGWZB-01N

Kit 1

Group control function

SAS936RHB-7-Z03 + SEA888-Z03 + TYGWZB-01N



Kit 2

Zone controllers manage the heating system

SAS936RHB-7-Z03(RY) + SEA888-Z03 + TYGWZB-01N



Kit 3

Group control and zone controllers effectively manage the heating system

SAS936RHB-7-Z03(RY) + SAS936RHB-7-Z03 + SEA888-Z03 + TYGWZB-01N



Underfloor heating thermostats



SAS922FHL-7-WIFI(TY)



SAS922FHL-7-WIFI(TY)



SAS965FHL-7-WIFI(TY)










SAS920XFHL-7-WIFI(TY)

Specifications

Power source: 100-240VAC 50/60Hz
Maximum load electric current: 16A/250VAC
Room temperature setting range: 5°C to 35°C
Floor temperature setting range: 5°C to 70°C
Temperature accuracy: 0.1°C
Working environment temperature: 0°C to 50°C
The storage temperature: -10°C to 60°C

Features

-  Work with amazon Alexa and Google assistant
-  APP remote control
-  7-day programmable
-  Sensor option
Room mode/Floor mode/ Room mode with floor limitation
-  4 inch large screen
-  Anti-freezing function
-  Temporarily override

Electric underfloor heating thermostats



SAS922WHL-7W-S-WIFI(TY)



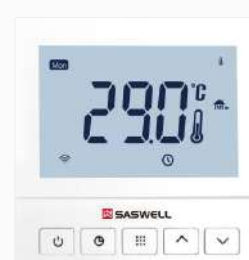
SAS922WHL-7W-S-WIFI(TY)



SAS965WHL-7-WIFI(TY)







SAS920WHL-7W-WIFI(TY)






Specifications

Power source: 100-240VAC 50/60Hz
Maximum load electric current: 3A/250VAC
Room temperature setting range: 5°C to 35°C
External sensor control range: 5°C to 70°C
Temperature accuracy: 0.1°C
Working environment temperature: 0°C to 50°C
The storage temperature: -10°C to 60°C
Externa sensor: NTC100K or NTC10K (optional)
Dimensions: 86mm*86mm*13mm

Features

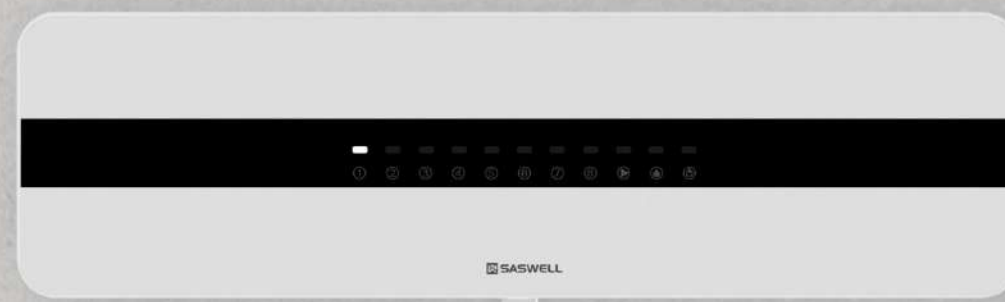
-  Work with amazon Alexa and Google assistant
-  APP remote control
-  7-day programmable
-  Sensor option
Room mode/Floor mode/ Room mode with floor limitation

-  4 inch large screen
-  Anti-freezing function
-  Temporarily override

Water underfloor
heating thermostats



Heat Pump thermostat



Wireless UFH control kit



Wired low-voltage bus UFH control Kit

Specifications

SAS931XWCH-XT-WIFI(TY)

Wiring control centre

Power source: 100-240VAC 50/60Hz

Size: 298 X 88 X 66mm

IP rating: IP 40



Master and slave thermostat

Power supply and signal input: DC12 ~ 18V carrier non-polarity input
(power supply wiring control centre, maximum current 100mA)

Temperature display range: 0 ~ 50°C

Display accuracy: 0.1°C

Size: 86x86x13mm


WIFI antenna emission frequency(master controller): 2.4GMHz


WIFI wireless transmission distance(master controller): 60M in the open area


Working environment temperature and humidity: 0 ~ 50°C, 0 ~ 80% RH (non-condensing)


Storage environment temperature and humidity: -10 ~ 60°C, 0 ~ 90% RH (non-condensing)


Features


 All slave thermostats will automatically be Sync with master setting

 Thermostat is powered by 12VAC low-voltage from wiring center


 One wiring control center can be wired with max 8 thermostats and maximum 12 loops actuators

 Work with amazon Alexa and Google assistant

 Cool or heat changeover can be set by Master or Heat pump

 Easy to install, magnet adsorption automatically

 Wifi remote control

 7-day programmable





Specifications

SAS936XWCH-XT-WIFI(TY)

Wiring control centre

Power source: 100-240VAC 50/60Hz

Size: 298 X 88 X 66mm

IP rating: IP 40

Working environment temperature and humidity: 0 ~ 50°C, 0 ~ 80% RH (non-condensing)

Storage environment temperature and humidity: -10 ~ 60°C, 0 ~ 90% RH (non-condensing)

Master and slavethermostat

Power supply: 2x1.5V AA alkaline batteries(LR6)

Temperature display: 0~50°C

Temperature setting range: 5~35°C

Temperature display accuracy: 0.1°C

Wireless transmit range: Open 100m in open air

Storage temperature & humidity: -10~60°C, 25~90%RH (non condensation)

Operation temperature & humidity: 0~50°C, 25~90%RH (non condensation)

Features



All slave thermostats will automatically be Sync with master setting



Cool or heat changeover can be set by Master or Heat pump



One wiring control centre can be wired with max 8 thermostats and maximum 16 loops actuators.



Wireless or wired cascade link with wiring center



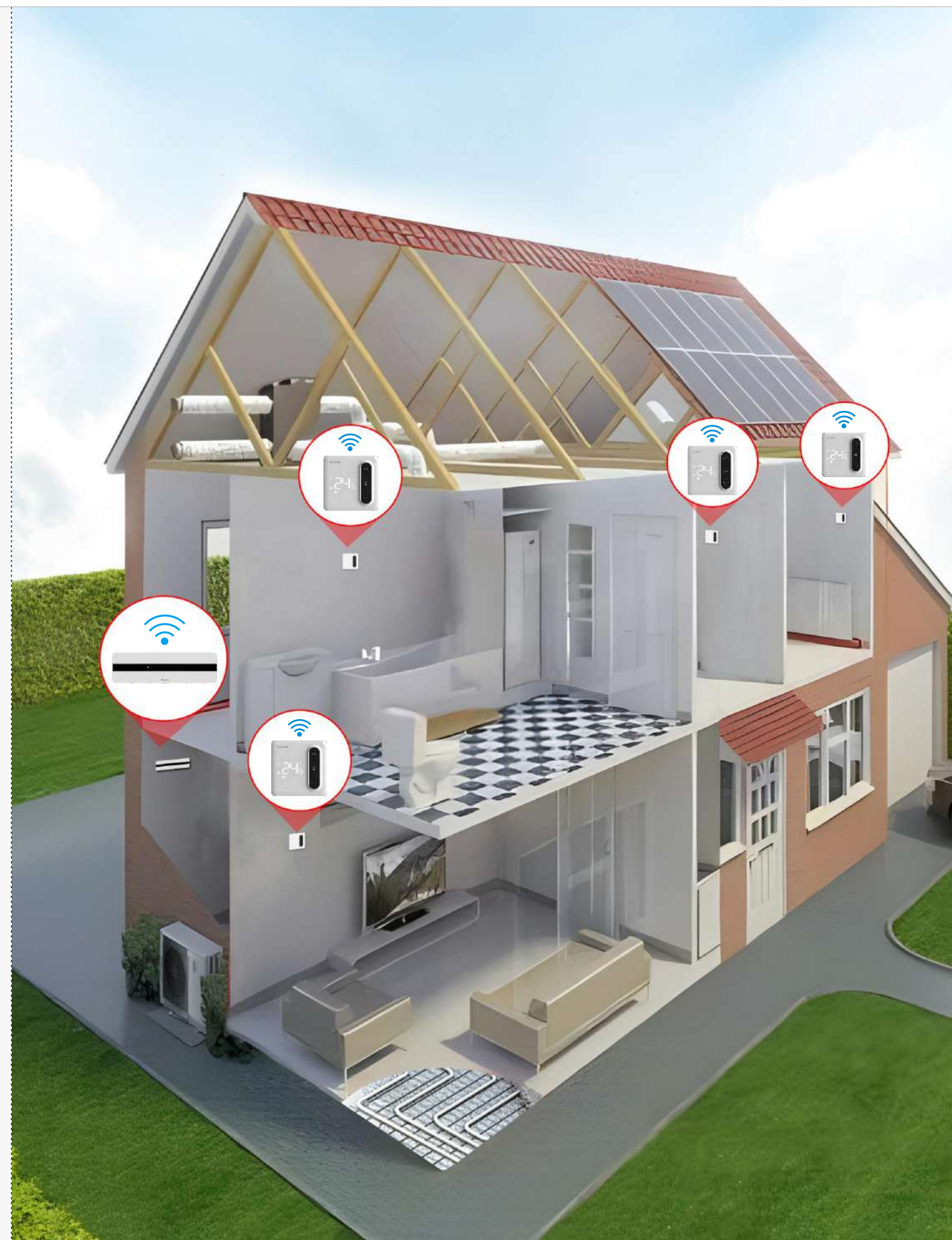
Work with amazon Alexa and Google assistant



Wifi remote control



7-day programmable



Fan coil unit thermostat

Specifications

SAS922XMTW-7S-WIFI(TY)-485

Power source: 100-240VAC 50/60Hz
IP Rating: IP21
Temperature setting range: 5°C~35°C
Temperature setting accuracy: 0.5°C
Temperature display range: 0~50°C
Temperature accuracy: 0.1°C
Working environment: 0-50°C, 5-95%RH
Shipping & storage temperature: -10°C ~ 60°C
Output: Fan Relay Amps 8(5)A



Features



DX and Fancoil system in 1 unit



Easy to operate with touch button



Flush mounting



Work with Alexa and Google assistant



Large screen



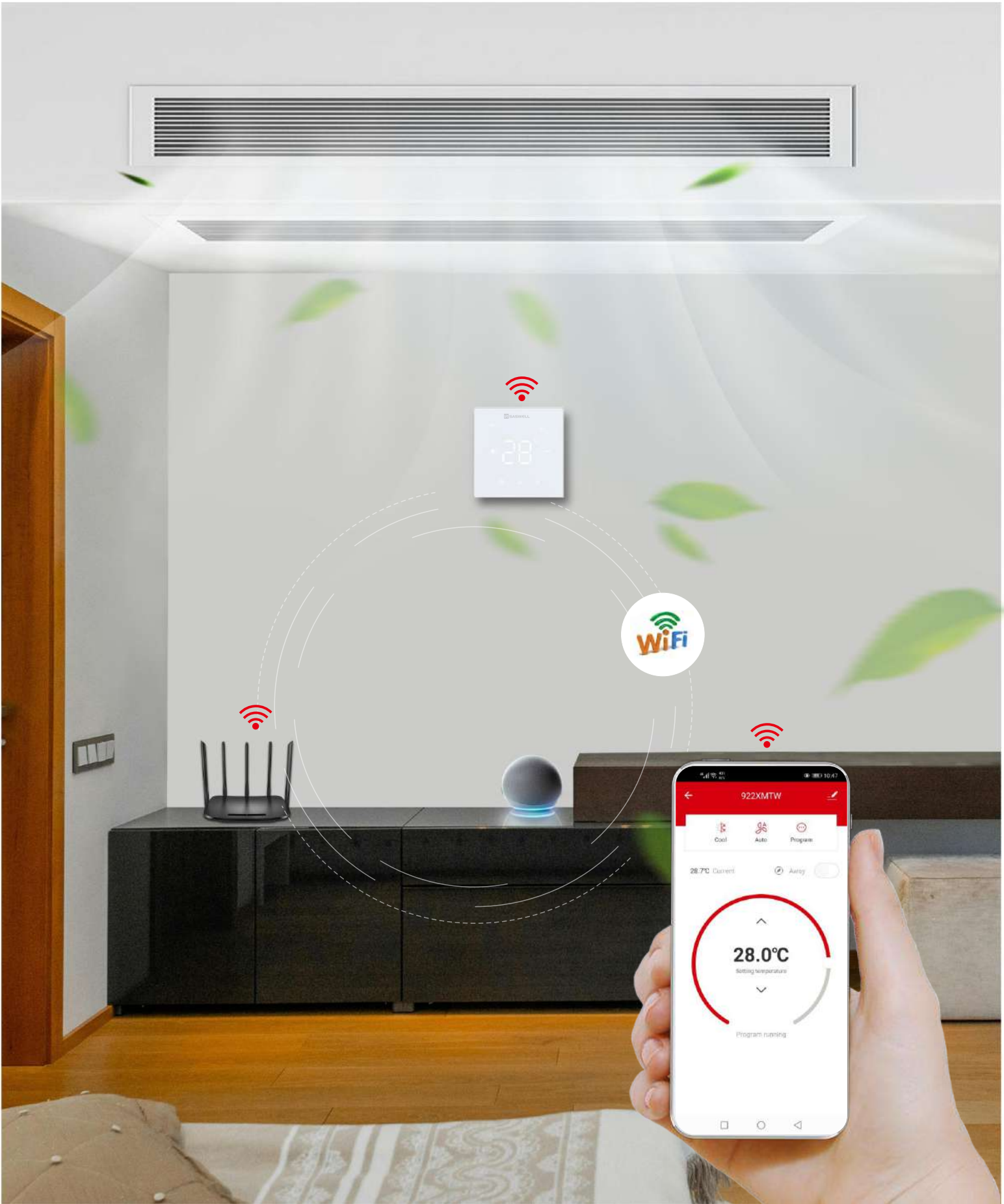
7-day programmable



Modbus 485 protocol



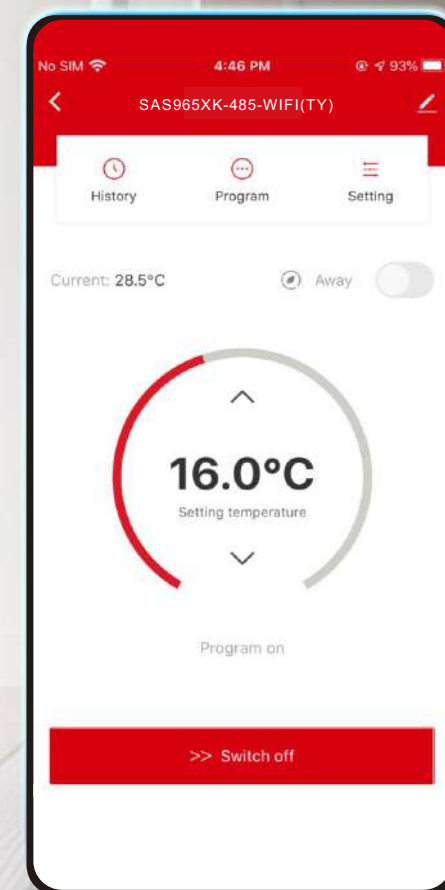
WIFI remote control



Colorful Wired controller



UI Customized



Specifications

SAS965XK-485-WIFI(TY)

- Power supply: 12V
- Temperature & Humidity accuracy: $\pm 1^{\circ}\text{C}$, $\pm 5\%\text{RH}$
- Temperature & Humidity range: $0\text{-}50^{\circ}\text{C}$, $0\text{-}99\%\text{RH}$
- Wireless communication protocol: WiFi
- Communication interface: RTU Modbus 485
- Working environment: $0\text{-}50^{\circ}\text{C}$, $5\text{-}95\%\text{RH}$
- Shipping & storage temperature: $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$



Features

- | | |
|--|--|
| Control at home or anywhere
Support "TuyaSmart" app remote control | Swing
Adjust the wind direction at will |
| Sleep mode
Sleep timing to care for sleep | Fan speed option
Multiple fan speeds are optional to fit you |
| Defrost function
Prevent frost damage to equipment | Mildew-proof
Automatically dry the moisture in the evaporator of indoor unit, to avoid mildewing. |
| Clean function
Keep air fresh, and reduce the recession of cooling effect | Filter Alarm
Remind the user to clean filter to avoid prolonged cleaning and filter screen blockage |
| ECO function
Active ECO mode to save energy | Mode option
Cool/Heat/Auto/Dry/Ventilation |
| Timing function
Set timing switch according to your lifestyle | Voice control
Work with amazon Alexa and Google assistant |



US standard thermostat



T18BUTW-7-WIFI(TY)



T18XUTW-7-WIFI(TY)



T29UTW-7-WIFI(TY)

Specifications

Power source: 18-30VAC 50/60Hz
Temperature setting range: 41°F~95°F
Temperature display range: 41°F~122°F

Operation temperature range: 32°F~122°F
Wifi Frequency: 2.4GHz
Shipping & storage temperature: 14°F~140°F

Features

- Pump conventional
- 7 days programming
- Wifi remote control
- Touch key for easy operating
- Green energy saving
- Work with amazon Alexa and Google assistant
- Large and color screen
- Temporarily override
- Geofencing function



Air quality monitor

WiFi 2,4GHz

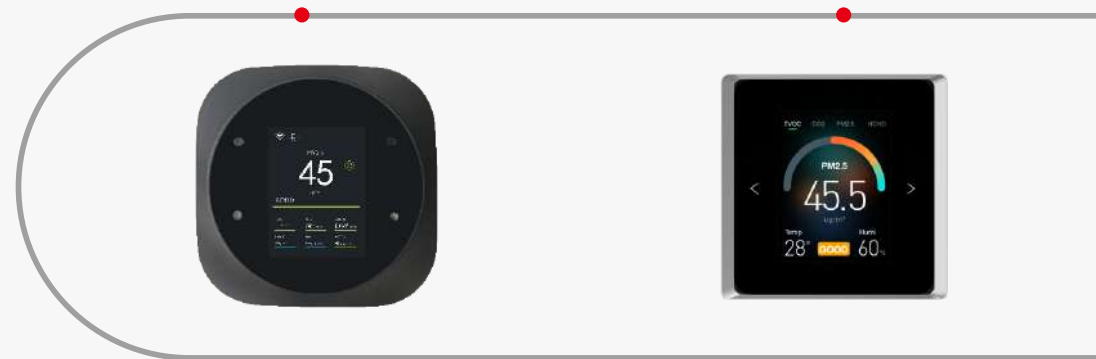


WiFi 2,4GHz



T18XAIR-485-WIFI(TY)

AQC912-PCTH-485-WIFI(24V)



Specifications

Power supply: 12~24VDC

Internal temperature and humidity: -10°C~+50°C 0%~95%RH


External temperature(NTC 100K): -10°C~+50°C


RS485 communication interface: Standard MODBUS protocol


Wireless communication: WiFi (2.4G)


Photosensitivity & human body sensing: Adjust the display brightness automatically according to the actual environment. When a person walks about 50CM into the screen, the screen wakes up automatically.


Features


 Excellent/good/poor expression display


 Adjust brightness automatically


 Humidity detection


 PM2.5 detection


 Wake up the screen automatically


 Wall-mounted easy installation


 Temperature detection

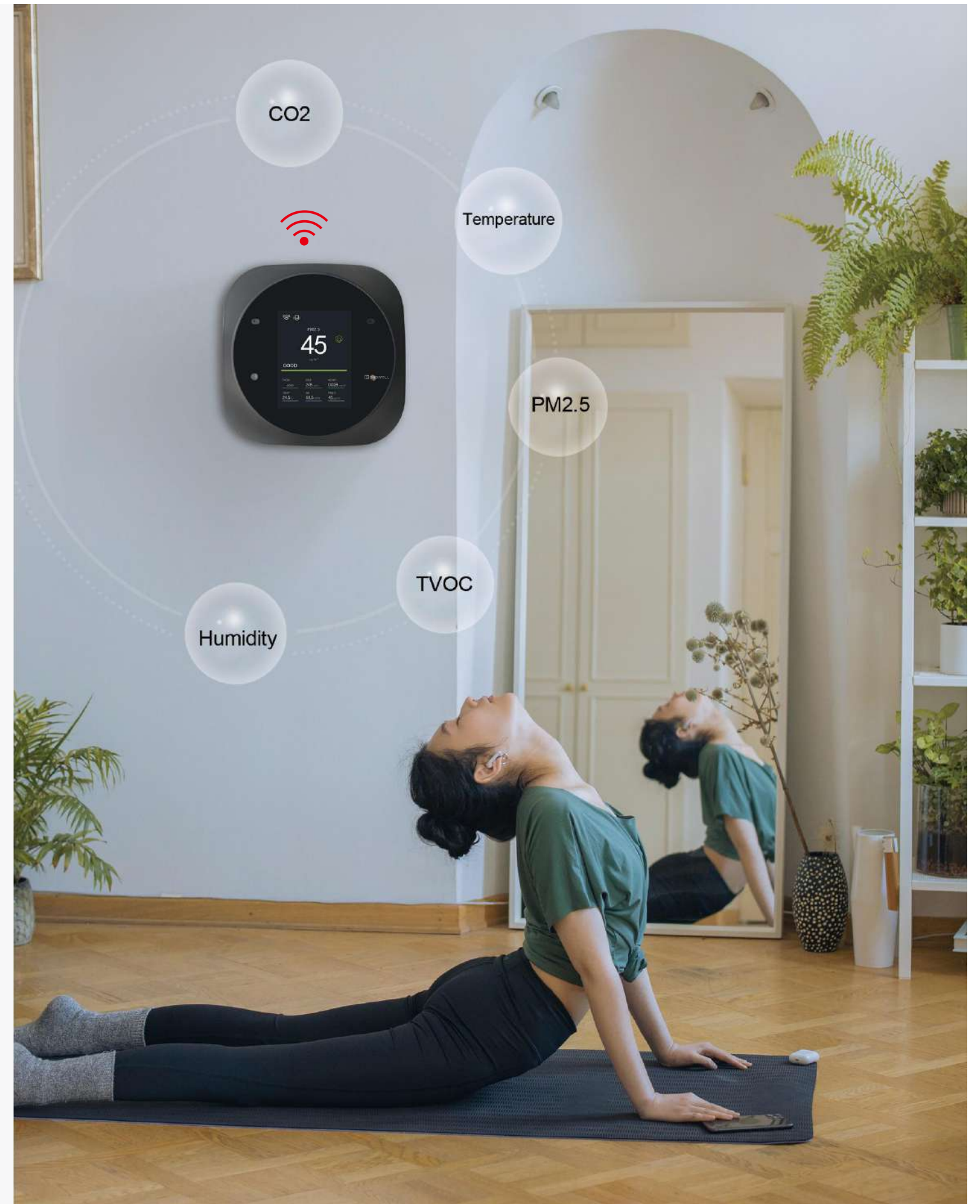
 CO₂ detection

 APP remote control

 Large color display

 TVOC detection

 HCHO detection (Option)

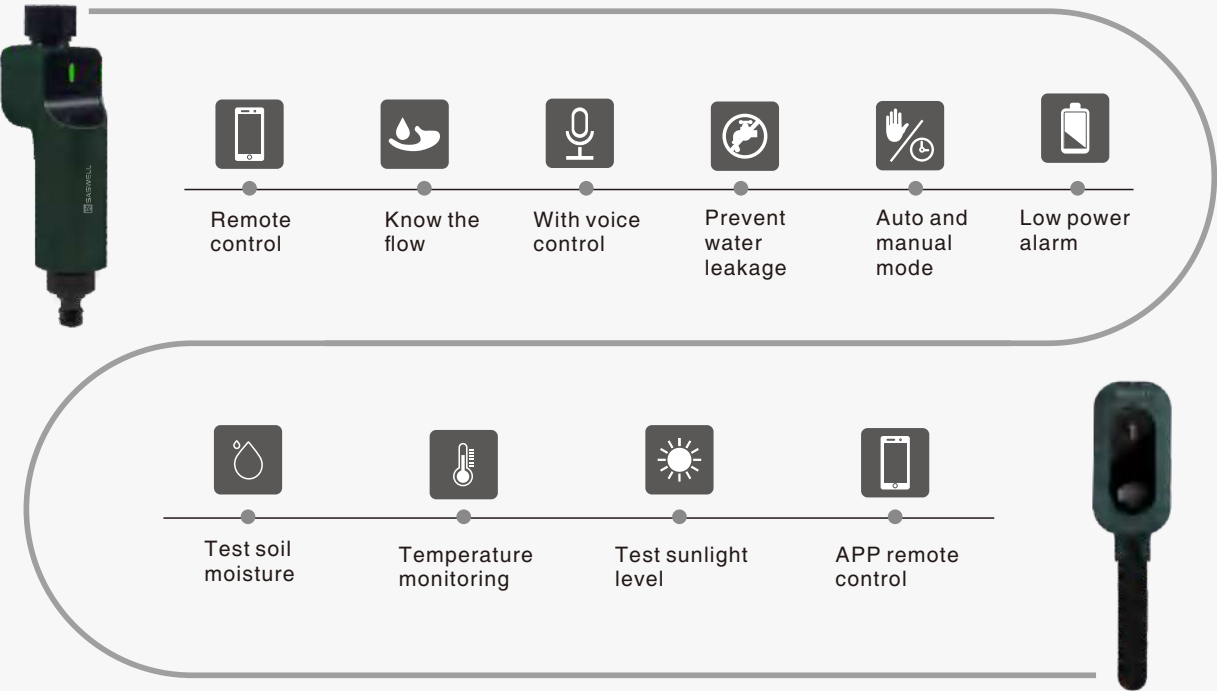




The smart irrigation kit



Features



Specifications

Water timer:SAS980SWT-7-Z01

Power source: 2x1.5V AA alkaline batteries (LR6)
Solenoid valve working life: 20W times
Working temperature: 1°C~50°C
Water flow display accuracy: month/plus or minus 1 liter
Maximum water pressure range: 0.03~0.8MPA
Low voltage alarm: 2.4V alarm, 2.2V forced shutdown
Low temperature alarm:5°C
Protocol: standard Zigbee protocol/Bluetooth
Dimensions: 45mm * 83.1mm *219.4mm

Soil sensor:SAS981XRTH-GS-Z01(TY)

Power source: 2x1.5V AA alkaline batteries (LR6)
Battery life: > 1 year
Network Frequency: 2.4GHZ
Transmission distance:100 meters
Temperature measurement range:-20~85°C(-4°F~-185°F)
Temperature measurement accuracy:0.1°C
Light intensity:1-65535Lux
IP class: IP 65
Dimensions:49.9mm * 31.3mm *202.5mm

