



为人诚信用心
处事专注尽心

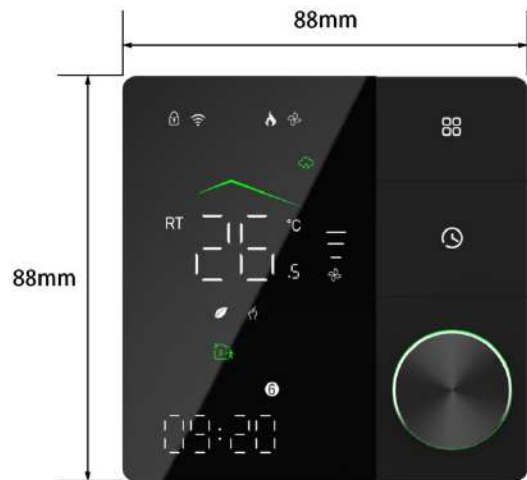
AI THERMOSTAT

2024-3-4

INTRODUCTION

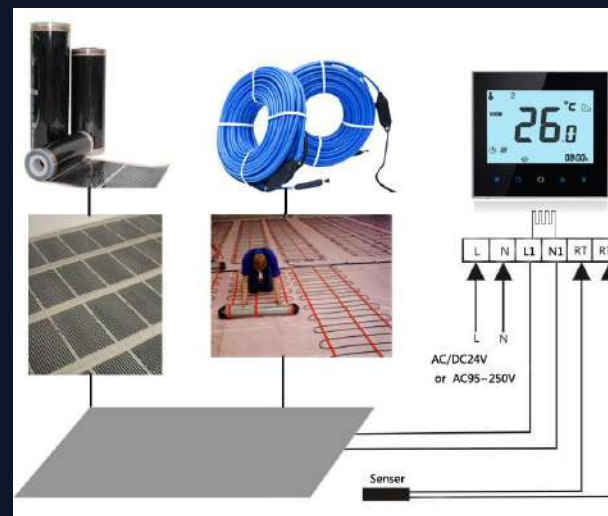
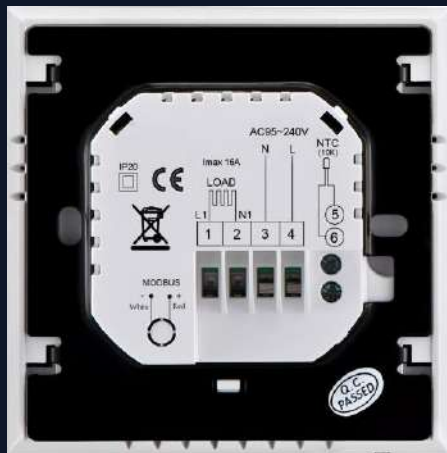
With the advancement of technology, home automation has become a part of modern life. We are proud to introduce our latest innovation – the Smart AI Thermostat, a temperature control solution integrated with advanced artificial intelligence technology designed to provide unprecedented comfort and energy efficiency in your home or office environment.





DIMENSION

APPLICATIONS



Product introduction

Model No.: BHT-018AI BHT-009AI

Dimension: 86*86*12.5mm (总高35.4mm)

Color: white, black, black+white

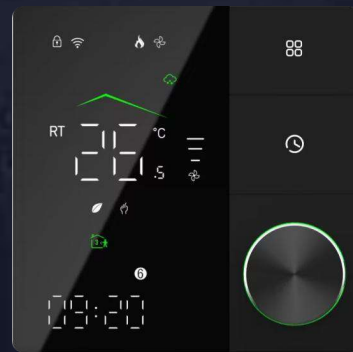
Power supply: 95~250V 50~60Hz

Buttons: knob+Capacitive Touch Buttons

Display: LED

Current Load: 16A, max 20A Power Consumption: 3000W, max 4000W

Functions: AI learning, APP visualized energy saving statistics, power measurements, wifi, weekly programmable, manual mode, weather station, clock

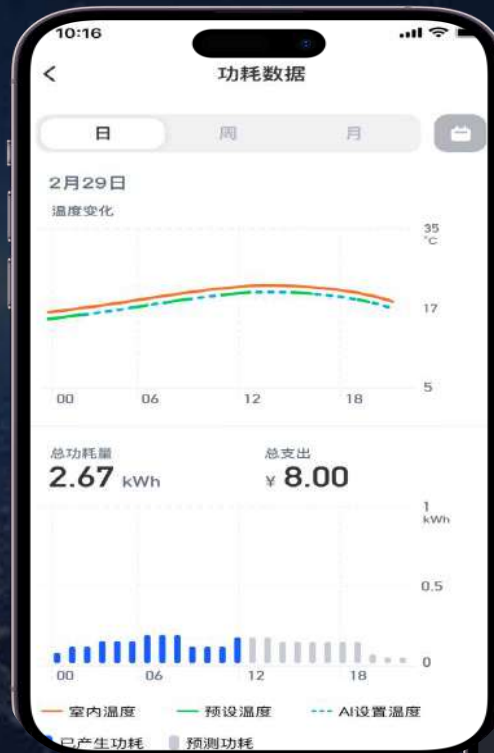


PRAT 01

Core functions

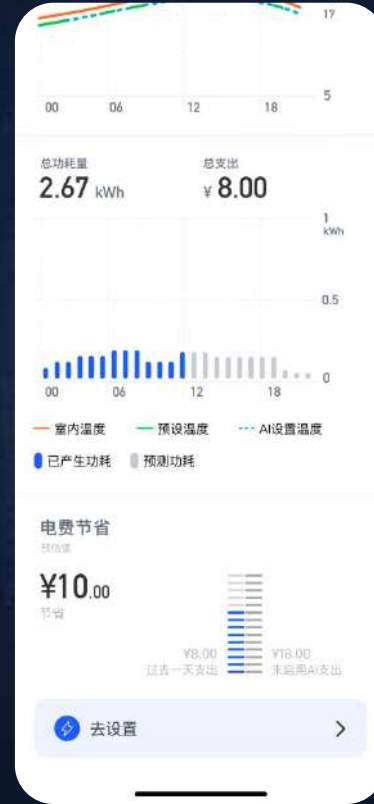
AI Intelligent Temperature Adjustment

Through the neural network model built in the cloud, our smart AI thermostat can monitor the ambient temperature in real time and intelligently adjust it according to the desired temperature set by the user to ensure constant temperature comfort while significantly reducing energy consumption. Compared with traditional thermostats, our products can continuously learn and record the user's usage and setting habits more accurately, and use the regional ambient temperature obtained from the Internet to adjust temperature settings more frequently without affecting the human body's comfort with temperature conditions, thereby achieving optimal energy efficiency.



Save Money Visualization

We understand that users' concern for energy efficiency is not only environmental awareness, but also economic benefits. Then the APP paired with the smart AI thermostat can provide an intuitive energy-saving report, showing that the energy saved through smart temperature control is converted into money saved, allowing users to see the return on investment at a glance and feel the direct economic benefits brought by the technology.



Natural Language Programming

Combined with ChatGPT technology, our smart AI thermostat supports natural language programming. Users can set a temperature plan, adjust the temperature, or query energy efficiency reports through a simple conversation, just like chatting with a smart assistant. The addition of this function not only improves the user experience, but also makes temperature control management easier and more intuitive than ever.



You

你好，我觉得房间有点热



Jarvis

2024-01-09 10:46:11 - 状态 - 完成 >

检查了当前的温度设定规则，对于工作日，早上6点设置为 20°C，早上8点至下午1点30分和下午5点至晚上10点之间温度降低至 15°C，而下午5点时温度升至 22°C。对于周末，除了晚上10点温度被设置为 15°C外，其他时间都维持在 20°C。现在是哪个具体时间段，您希望降低多少温度呢？这样我可以帮您调整温度设定

11:35



编程专家



You 2024-02-10 15:59

删除工作日的周编程



Jaris 2024-02-18 16:08

2024-02-18 16:00:12 - status - ... >

工作日的温控编程已成功删除。现在在星期六和星期天仍有设置保留。需要我帮您修改或删除其他天的编程吗？



You 2024-02-29 11:13

你好，我觉得房间有点热



Jaris 2024-02-29 11:12

2024-02-29 11:13:51 - status - ... >

检查了当前的温度设定规则，对于工作日，早上6点设置为 20°C，早上8点至下午1点30分和下午5点至晚上10点之间温度降低至 15°C，而下午5点时温度升至 22°C。对于周末，除了晚上10点温度被设置为 15°C外，其他时间都维持在 20°C。

现在是哪个具体时间段，您希望降低多少温度呢？这样我可以帮您调整温度设定。

消息





PRAT 02

Market Advantage

Advantage Analysis

Innovative Technology

Integrating the most cutting-edge AI and neural network technology, as well as ChatGPT's natural language processing capabilities, our smart AI thermostat is unique in the market.

Energy saving and efficient

The intelligent adjustment function can significantly reduce energy waste, and the visualized figures bring real energy-saving effects and economic benefits to users.



user friendly

Through natural language interaction, users can easily set and adjust the thermostat without tedious operations or learning, greatly improving user convenience and satisfaction.

Environmentally friendly

Reducing energy consumption not only reduces the economic burden on users, but also contributes to environmental protection.



PRAT 03

Core Technology

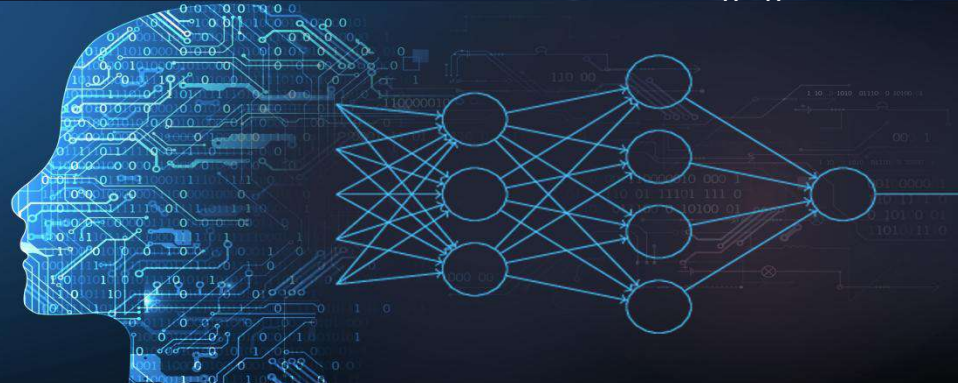
Neural Network Technology and Reinforcement Learning Neural Network Algorithm

Intelligent core: neural network

At the core of the smart AI thermostat is an advanced neural network technology, which is inspired by the way the human brain works and allows the machine to optimize its performance by learning and simulating the human decision-making process. Neural network technology has been widely used in many fields, from image recognition, natural language processing to complex prediction models, all of which reflect its powerful learning and adaptability.

Reinforcement learning neural network algorithm: the core of intelligent decision-making

Our smart AI thermostat uses a reinforcement learning neural network algorithm, an advanced algorithm that combines deep learning and reinforcement learning, which allows the device to learn the best action strategy autonomously. This algorithm learns how to make optimal decisions under various environmental conditions through continuous trial and error, similar to the way humans learn skills. A key advantage of this algorithm is its ability to handle and adapt to highly complex and dynamically changing environments.



Application areas: from autonomous driving to smart home

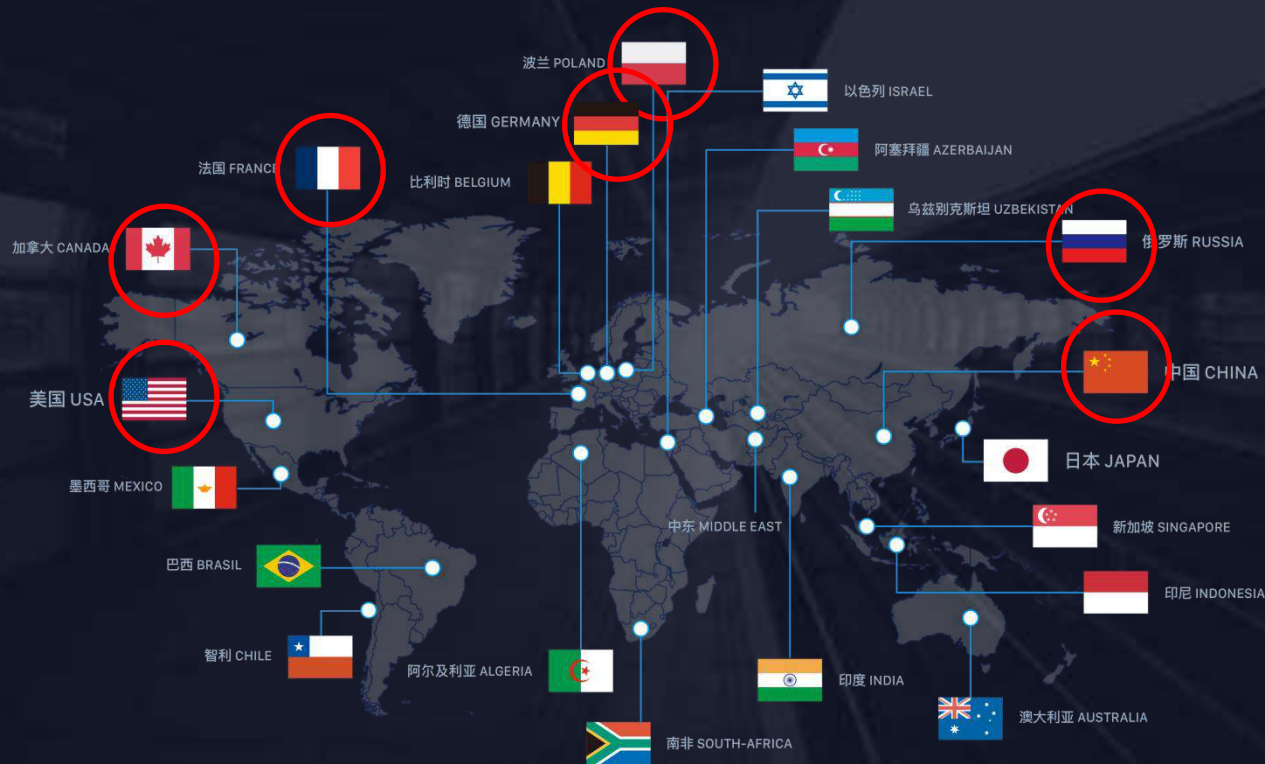
Reinforcement learning neural network algorithms are not limited to applications in smart thermostats. In fact, it shares core principles with similar algorithms used in self-driving cars. In the field of autonomous driving, such algorithms help vehicles learn how to make safe and efficient driving decisions in different road conditions and traffic environments. This cross-domain application demonstrates the powerful capabilities of reinforcement learning neural network algorithms in understanding complex environments and making intelligent decisions.

Intelligent AI thermostat combined with reinforcement learning

By applying reinforcement learning neural network algorithms to our smart AI thermostats, we enable devices to not only achieve highly precise temperature control, but also maximize energy efficiency while ensuring comfort. The application of this technology ensures that the smart AI thermostat can autonomously learn and adapt to the user's living habits, provide a personalized temperature control experience, and at the same time save energy and costs for the user.

PRAT 04

Core market



PRAT 05

Categories can be expanded
later

Plug-in thermostat

Fan coil thermostat

Heat pump thermostat



PRAT 06

Service charging method



A close-up photograph of several hands stacked on top of each other in a huddle, symbolizing teamwork and gratitude. The image is overlaid with a semi-transparent blue filter. The word "THANKS" is written in a white, casual, handwritten-style font across the center of the hands. On the left side, a person's wrist with a dark watch is visible. The background is dark and out of focus.

THANKS