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Safety instructions

- Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
- Electrical equipment must be installed and programmed by qualified technicians only.
- This device is manufactured according to the relevant technical specifications and have CE.
- For more information of this product, please contact the technical engineer of manufacturer.
- Users are not permitted to alter and maintain the product without the authorization of manufacturer.
- Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

Product Overview

The TSE300 is a bridge device that has passed the Apple MFi certification. The product features stable functionality and ensures reliable data security. By connecting the mainstream smart home systems on the market with the Apple HomeKit smart home platform through communication interfaces such as KNX, RS232, RS485, or IP, users can control devices like lights, curtains, air conditioners, and underfloor heating in the "Home" function of Apple iPhone/iPad/Apple TV/Apple Watch. It also supports voice control in multiple languages via HomePod and Siri. Users can utilize the "Automation" function in the "Home" app to achieve functions such as scene triggering, timing, and linkage among devices and systems. After setting an Apple iPad/Apple TV as the "Home Hub", users can remotely control the devices and automation in the "Home" system.

The TSE300 supports the following functions: controlling lights, curtains, air conditioners, fresh air systems, sensors, etc. It can support up to 150 objects.

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Product Features

- Certified by Works with Apple HomeKit and Apple MFi
- Use the built-in "Home" function of iPhone/iPad/Apple TV/Apple Watch to control devices such as lights, curtains, air conditioners, underfloor heating, and fresh air systems, and view the current status of each device in real time.
- Use Apple HomePod and Siri for voice control.
- Automatic control using the Apple satellite positioning system.
- Automatic control with Apple's timing and logic functions.
- Achieve remote control through the Apple iCloud server.
- You can invite friends with Apple devices (iCloud accounts) to participate in controlling "My Home" and set permissions.
- Data is secure and reliable, using Apple's dedicated multiple encryption methods.
- Multiple interface integration solutions, suitable for mainstream smart systems of various brands.

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Product Configuration

- 1) This product adopts the web page programming method. Please use browsers that are not based on the IE kernel for function configuration, such as Firefox, Chrome, etc.
- 2) Login address: 192.168.1.232
- 3) Username: admin
- 4) Password: 123

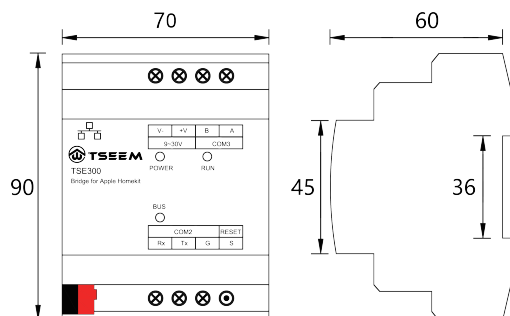
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Product parameters

Parameter	Types	TSE300
Product Info		
Dimensions (WxHxT)		70mm×90mm×60mm
Power Supply		9-30V DC
Type of protection		IP20
Operation		0°C~70°C
Storage		-25°C~70°C
Installation method		Rail-mounted installation
LED indicator light		
POWER		Working indicator light
RUN		Operating indicator light
BUS		KNX system indicator light

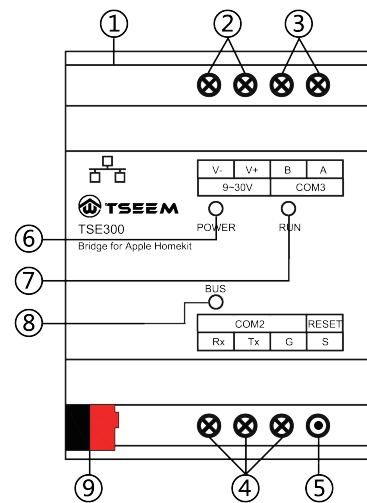
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Product dimensions



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Operating instructions



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Operating instructions

- ① RJ45 network interface
- ② Power supply interface: V+ is the positive pole and V- is the negative pole.
- ③ COM3: RS485 terminal block (TSE300-485)
- ④ COM2: RS232 terminal block (TSE300-232)
- ⑤ Reset button: Press and hold this button for 6 seconds. When the RUN indicator light flashes rapidly and then stays on steadily, the device will be restored to its factory settings (host IP network parameters, serial port settings and startup mode).
- ⑥ POWER indicator light: When powered on, it stays red steadily.
- ⑦ RUN indicator light: It stays red steadily during operation. When sending and receiving data, it flashes red rapidly.
- ⑧ BUS indicator light: After being connected to the KNX system, it stays red steadily.
- ⑨ KNX bus terminal: It can be connected to the KNX system (TSE300-KNX).

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