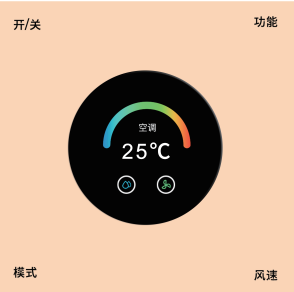# H Series Three-in-One Intelligent Temperature Control Panel User Manual

KTEX8W-H

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 "H series" three-in-one intelligent temperature control panel is a control panel for the KNX system. It has a built-in temperature sensor that can detect the ambient temperature and output the temperature as a standard KNX signal. It can perform functions such as turning on/off air conditioners, underfloor heating, and fresh air systems, adjusting the wind speed, switching modes, and setting the temperature. It can control systems such as fan coil air conditioners, central air conditioners, underfloor heating, and fresh air systems.
The "H series" three-in-one intelligent temperature control panel KTEX8W-H adopts embedded installation and can be installed in a standard national standard 86-type junction box.

Product Features

● It has a built-in temperature sensor.
● It can control various air conditioning/underfloor heating/fresh air systems.
● It can adjust the air conditioning wind speed.
● It can switch the air conditioning mode.
● It can set the temperature of the air conditioning/underfloor heating.
● It can adjust the fresh air wind speed.
● It can display the external temperature.
● It can display the dew point temperature.
● It can display the humidity.
● It can display the carbon dioxide concentration.
● It can display the PM2.5 value.
● It can display the TVOC value.
● It is programmed and debugged using ETS3/4/5.

Installation instructions

1. Fix the iron plate to the bottom box according to the text and direction markings on the fixing iron plate.
2. Connect the KNX bus terminal.
3. Place the intelligent panel inside the bottom box and fasten it tightly with the fixing iron plate to complete the installation.
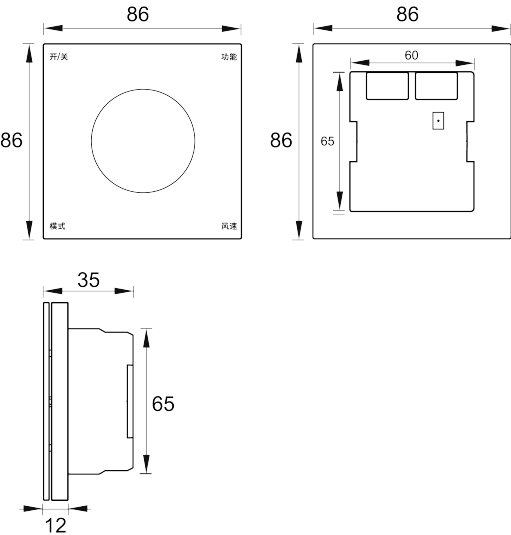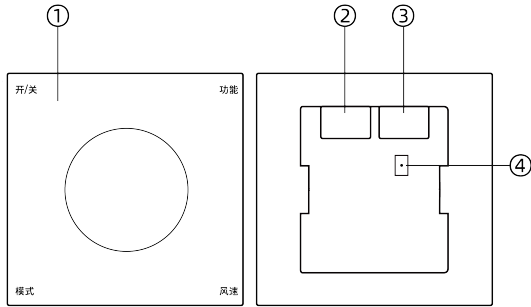
Programming instructions

1. Select the corresponding product database and import it into ETS3/4/5.
2. Add the device to the project created in ETS3/4/5.
3. Press the programming button on the device, and download the physical address via ETS3/4/5. After the download is completed, the red LED indicator will turn off.
4. Open the device database. After setting the parameters and associating the corresponding group objects, perform the application download.
5. After changing the physical address of the device, repeat "Step 3".
5. After modifying the parameter settings or re - associating the "group objects", repeat "Step 4" to implement new functions.

Product parameters

Parameter \ Types	KTEX8W-H
Power	
Power Supply	24V DC
Transmission medium	KNX TP
Product Info	
Dimensions (WxHxT)	86mm×86mm×45mm
Number of buttons	4
Number of indicator lights	4
Aperture indicator light	1
Coupler	Embedded coupler
Installation method	Embedded 86-type mounting junction box
Type of protection	IP20
Operation	0℃~70℃
Storage	-25℃~70℃
Programming mode	S mode

Product dimensions

Operating instructions

Operating instructions

① Operation area: The controlled device can be controlled by pressing the buttons.
② Power supply interface: Use a wide voltage DC 24V power supply.
③ KNX bus terminal: Connect to the KNX system.
④ Programming button. After pressing it, the physical address of the device can be programmed. KNX programming button indicator light. When the programming button is pressed, this indicator light turns red. After the physical address is successfully downloaded, it will automatically turn off. This indicator light can also be turned on or off through the ETS software.