

Yoswit Smart Thermostat Datasheet

Model: YO360 (R2W)

Revised: 01-12-2024



The Perfect Solution for Efficient Temperature Control

Yoswit Smart Thermostat is compatible with 2 pipe / 4 pipe fan coil units and PTAC, offering options for 3-speed fan and auto. It allows for easy switching between heat, cool, and ventilation modes to personalize settings based on guest preferences. Seamlessly integrating with the Yoswit radar presence detection sensor, optimizes guest comfort and significantly reducing energy consumption by adjusting the temperature based on occupancy. Built-in temperature and humidity sensors automatically maintain room comfort levels. Additional features include overheat protection for enhanced security, non-volatile memory to retain program settings during outages, and a built-in timer for setting the ideal temperature in advance. Control and monitor remotely through the Yoswit App via built-in WiFi and integration with smart speakers. With wireless technology at its core, it effortlessly integrates with smart hotel systems for centralized control.

Connection 1: 2-pipe ON/OFF
+3 speed fan



Connection 2: 4-pipe ON/OFF
+3 speed fan



Connection 3: 2-pipe ON/OFF
+floor heating



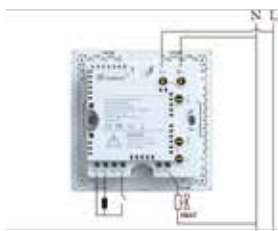
Connection 4: 2-pipe ON/OFF
+Tio2/ESP



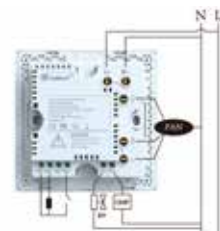
Connection 5: 2-pipe ON/OFF
+3 wire valve



Connection 6: Underfloor heating



Connection 7: Water source heat pump



Key Features and Benefits

- Occupancy detection
- Integration with smart hotel systems
- Customized scheduling
- Built in temperature and humidity sensors automatically adjust the comfort of the room
- Personalized modes setting based on guest preferences
- Overheat protection
- Power-off memory
- Voice control
- 2-pipe/4-pipe integrated into one fan coil unit with easy configuration
- Heat and cool setpoint limitation for energy saving

Yoswit App

You can download our app to implement the following functions via Bluetooth and WiFi to control the Yoswit switches.

Time Setting

Scene Mode

Device Network

Away Detection

Password Protection

Network Control

Apple Siri

Google Assistant

IFTTT

Depends on Yoswit Bridge Solutions.



Product Specifications

Color Options:

*You can also customize the colors

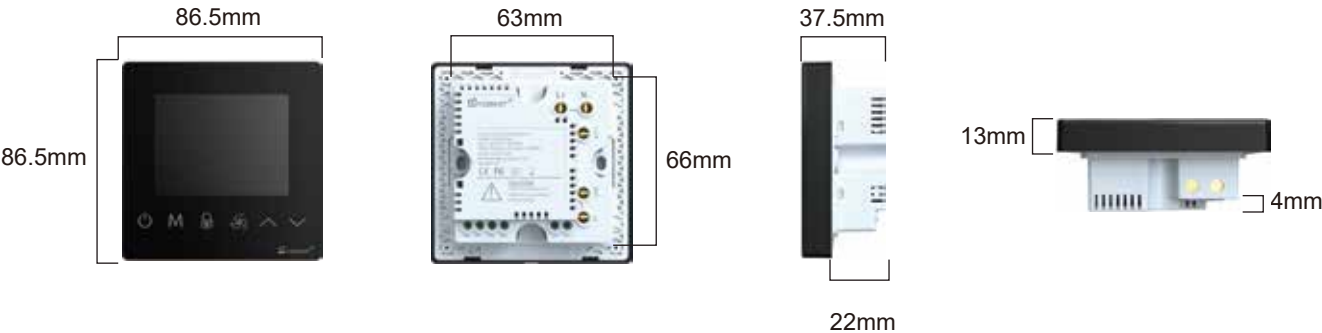


Black

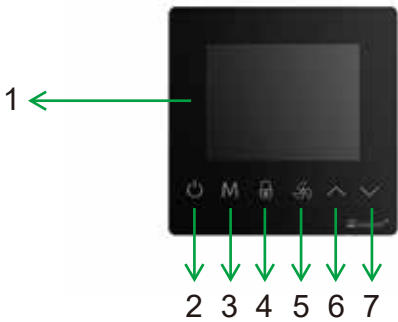


White

Specifications:



Product Presentation:



Parameter List

- 1: LCD Display Monitor
- 2: On/Off Key
- 3: Mode Switch
- 4: Parameter Setting Key
- 5: Fan Speed Key Malfunction
- 6: Up Adjusting Key
- 7: Down Adjustment Key

Wireless	
Frequency	2.4GHz
Connection	Wifi 2.4G / BLE 4.2
Range	Open Area: >50m Interior: 3-20m

Mechanical	
Operating Temperature	-10-49°C
Operating Humidity	0-95% RH, Non-Condensing
Operating Environment	Interior
Operation	APP / Manual
Display	2.8 Inches
Ingress Protection (IP)	20
External Temperature Sensor	NTC 10K (Optional)

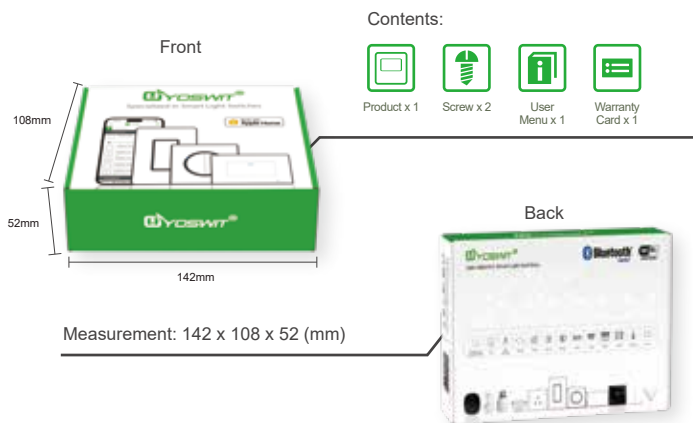
General Specifications

Product Name	Yoswit Smart Thermostat
Model	YO360 (R2W)
Socket Type	Socket 86
EAN / UPC	EAN: 0765756498319 / UPC: 765756498319
Revision	V7.0
Compliance	CE, FCC, RoHS
Manufacturer	Designed by Yoswit in Hong Kong, China / Assembled in Guangdong, China
Warranty	Two Year Limited Warranty (*Details available on the Product Warranty and Limitations of this datasheet)

Electrical

Operation Power	100-240V AC (50/60Hz)
Max. Load	≤5A (Resistive), ≤2A (Inductive)
Power Consumption	≤2W
Temperature Display Range	0-49°C
Temperature Set Point Range	5-35°C
Temperature Set Point	1°C
Temperature Accuracy	±1°C
Humidity Display Range	0-99%
Humidity Accuracy	±3%
Application	2-Pipe / 4-Pipe

Product Package



Outer Box



Quantity Per Box: 40 Pack / Box
Measurement: 58 x 31 x 23.5 (cm)

Product Warranty and Limitations

Yoswit brand products guarantee for a period of 2 years warranty from the date of purchase. During the warranty period and in the event that a defective product is identified (non-human factors), Yoswit will provide free maintenance. Damage beyond the warranty period or caused by improper use is not covered within the warranty, Yoswit will not bear any responsibility for repair, and will still provide users with a lifelong maintenance of paid services. If the products need to be repaired or returned to our company, an appropriate fee should be charged based on specific situation to cover the cost of replacement. Regardless of the warranty status, all shipping costs are borne by users.

LINCONG TECHNOLOGY CO. LIMITED

Address: Room 202, 2/F, Building No. 19 West Science and Technology Avenue, Science Park, Shatin, N.T., Hong Kong
info@yoswit.com | Tel: (852) 3996 9396 | Fax: (852) 3119 8778 | www.yoswit.com