

THERMOSTAT TECHNICAL DATA

TIOSTA0001	Tio Smart 230v wifi black
TIOSTA0002	Tio Smart 230v wifi white
TIOSTA0003	Tio Stat 7 day programmable black
TIOSTA0004	Tio Stat 7 day programmable white
TIOSTA0005	Tio Smart 24v wifi white
TIOSTA0006	Tio Stat 24v 7 day programmable white
TIOSTA0007	Tio E electric underfloor heating 7-day programmable white
TIOSTA0008	Tio E smart wifi electric underfloor heating white

PRODUCTS FOR THE BUILT ENVIRONMENT




TIO

www.tioclimatesolutions.co.uk

PRODUCT RANGE

All Tio hardwired Thermostats have the same programming functions, have the same dimensions and perform with same technical data. They vary between WI-FI compatibility and Hydronic and Electric systems



TIO SMART (WIFI)



Available in Black and White the TioSmart is Tio's premium thermostat. The TioSmart has the same design and features as the TioStat. The TioSmart is Wi-Fi enabled and links with Tio Smart home System.



Compatible with TUYA & Smart Life Apps



TIO STAT PROGRAMMABLE



Available in Black and White the TioStat is Tio's most popular thermostat. Its sleek design, easy use and affordable price, make its the perfect choice for any home.

KEY FEATURES

- 7 day (5+1+1) Programmable setting
- Manual and Programmable modes
- Available in 230/24v
- Holiday Mode
- Child Safety Lock
- Easy Install



TIO E



Available in White the Tio E is Tio's Electric Underfloor Thermostat available in both 7-day programmable and Smart versions.

KEY FEATURES

Simple installation

Acrylic face plate

Large, backlit display

Sleek, contemporary design

Elegant chrome frame

Feather touch control panel

5+1+1 six period per day programming

Simple, one-touch temperature control over-ride. Pre-set temperatures maintained within

+/- 1°C Internal and external sensors allow control of both air and/or floor temperatures

Suitable for installation in a standard single back box.

WIFI/ZIGBEE/MODBUS communication optional

TECHNICAL DATA

Sensor: NTC Accuracy: $\pm 1^{\circ}\text{C}$

Power Consumption: $< 1.5\text{W}$ Timing Error: $< 1\%$

Power Supply: 95 ~ 240VAC, 50 ~ 60Hz

Current Load: 5A (water heating, water/gas boiler), 16A (electric heating)

Shell material: PC+ABS (flame retardant) Dimension: 86x86x13.3mm

Ambient Temp.: 0-45°C, 5-95%RH

(Non-condensing)

Storage Temp.: -5-55°C Installation Hole distance: 60mm

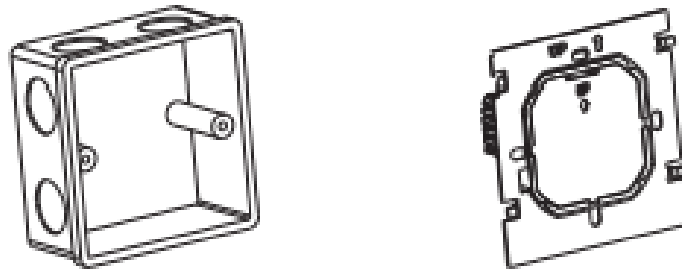
DIMENSIONS



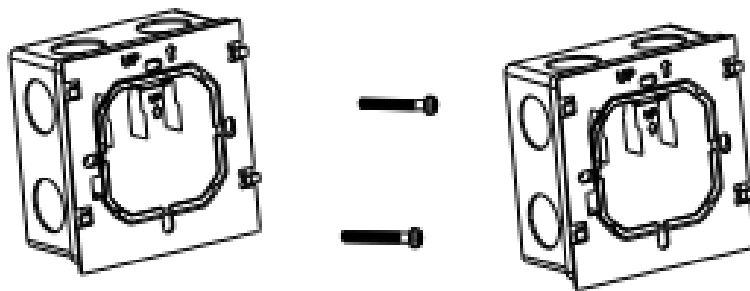
INSTALLER INSTRUCTIONS

Your thermostat is suitable for installation within a standard 86mm pattress box or European 60mm round pattress box.

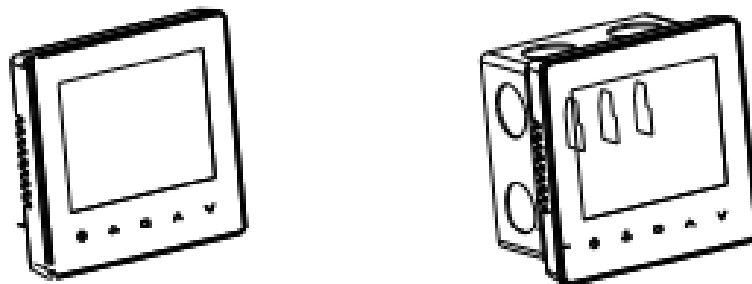
1. Keep power off. Remove the mounting Plate.



2. Connect power supply, load and external (floor) sensor into the appropriate terminals if there is external sensor. (see "Wiring your thermostat" for details and Fix the mounting plate into the wall with screws in the box.



3. Fasten body of thermostat and the mounting plate through the groove. Installation complete.



RISK OF ELECTRICAL SHOCK. Disconnect/isolate power supply prior to making electrical connections. Contact with high voltage components can cause electrical shock, severe injury or death.

WIFI Lock

T10

Mon Tue Wed Thu Fri Sat Sun



Week

Room Temp

RT SET 88.8 F

Set Temp

Time period

Floor Temp

FLOOR

ECO



Am, Pm

Heat On



Manual



Program



Set



88:88

Time



Power Time Menu Up Down

CONFIGURATION MENU

No.	Function	Press ^v to set	Default
1	Calibration	-9°C to 9°C	0°C
2	Dead Zone	1°C to 5°C	1°C
3	Lock	0:Unlock 1:All buttons will lock except the Power button	1
4	Sensor Selection	IN:= control temperature using the internal sensor OU:=control temperature using external sensor ALL:= Both inner and external sensor	ALL
5	Minimum temperature setting	5°C to 15°C	5°C
6	Maximum temperature setting	15°C to 45°C	35°C
7	Display Mode	00:Display room temp and set temp 01:Display set temp only	0
8	Standby Backlight	0-100	10
9	High temperature protection setting	25°C-70°C	45°C
A	Anti-freez tempreature range	2-10°C	5°C
B	Anti-Freez protection	0:Off 1:ON	0
C	ECO mode	0:Off 1:ON	0
D	ECO Temp set range	5°C to 30°C	16°C
E	Backlight selection	1-100	80

**Note:Water heating&Gas boiler heating Item4 select IN
Electric heating item4 select ALL**



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