

# MU-050 Essence PD Programmable Wi-Fi Thermostat

## Product overview



The MU-050 is a **PD Programmable Smart Digital Thermostat**, controlled by either an **app on your smartphone** or can be directly controlled using the five **soft touch icons** along the bottom. The **smooth tempered glass display** offers a sleek and contemporary look.

There is **no need for an additional router**, simplifying installation, time, and cost. The globally recognised **Smart Life** plug and play app makes installation **fast and simple**. MU-050 works comfortably with Smart home devices from Google, Amazon and Apple, grouping thermostats for single app control, and app control that can be family shared.

An **energy saving mode** is built in. This override gives end users a manual or timed set back function, automatically reducing set temperature to a pre-selected level at a selected time, ideal for holiday or vacant occupancy.

It can be used as a room or zone thermostat or to switch zone valves, manage electric underfloor and connect to underfloor heating wiring centres.

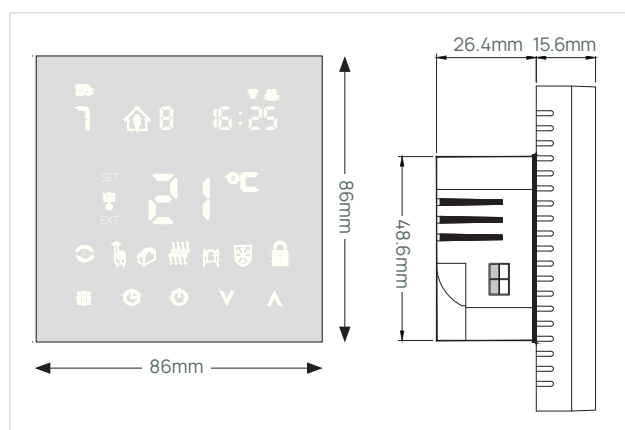
A **feature rich product**, including **open window detection** capability, an **icon lock** to prevent misuse, and the ability to **set min and max temperatures** in regular use, ideal for children or vulnerable adults.

The programming offers **weekly planned cycles** with 5 working days and 2 separate weekend choices. Each day can be set to 6 cycles of on and off.

It has a **highly accurate** internal temperature sensor, adjustable in 0.5°C increments. Capable of supporting an **external sensor**, to be used as either overtemperature protection, or remote sensing away from the thermostat body.

## Technical specifications

Item	230V programmable Wi-Fi thermostat	Max switching output	16A
Optional extra	Remote sensor probe (10K NTC)	Switch relay output	230V
Product code	See below	Settable temperature	5–35°C
Material	ABS	Display accuracy	0.5°C
Mounting	In wall (35mm backbox depth)	Programming ability	1 Week (5+2), (6+1), (7 day)
Dimensions	86mm (H) x 86mm (W) x 15.6mm (D)	Connectivity	2.4GHz
Weight	145g	Protection rating	IP20
Power consumption	<3W	Compliance	UKCA and CE
Supply Voltage	230V	Compatibility	Google, Amazon and Apple



Product code	Colour
CWS-PDW1-050	White
CWS-PDW1-051	Black

