

Modbus Glass Touch Panels

Thermostat with 8 Buttons and PIR

Introduction

A glass touch thermostat with two default buttons ("-" and "+"), and up to six configurable buttons. It is available in a variety of glass color and backlight options. Choose from a vast selection of functionality icons and text options for full customization of panels. The Passive Infrared (PIR) motion sensor can detect body movement in the room and enable occupancy based functions.



Product Specifications

Part number	SLGM08THM	
Button configuration	Up to 6 buttons	
Dimensions (W x H x D)	170 x 95 x 31.9 mm (6.69 x 3.74 x 1.26 in) including base	
Weight	352 g (0.78 lb)	
Power supply	Voltage Current consumption	24 Vdc ≤ 30 mA
Communication protocol	Modbus RTU over RS-485 serial interface	
Operating temperature	0 to 45 °C (32 to 113 °F)	
Operating humidity	10 to 90% RH, non-condensing	
Storage temperature	-40 to 70 °C (-40 to 158 °F)	
Material and panel colors	Front surface: Glass; black, white, champagne gold or silver Flush-mounted part: PC+ABS; white for white glass, black for the other three glass colors Mounting plate: Metal; black	
Button backlight colors	RGB LED configurable, 256 colors	
Product certifications	CE, RoHS, REACH	
IP rating	IP20	EN 60529
Safety class	II	EN 61140
Proximity sensor detection range	15±5 cm (5.9±2.0 in)	
PIR motion sensor detection range	Horizontal direction: 5m, 110° @ 23 °C & Vertical direction: 2m, 60° @ 23 °C	
Thermostat accuracy	±1 °C (±1.8 °F)	
Mounting	Snap-in magnetic clips on back of panel that attach to mounting plate	
Wall box	One BS or CE60 wall box, 35 mm (1.38 in) depth or more, mounting screw dimensions 60.15 mm (2.37 in)	
Installation equipment included	Glass Touch Panel, mounting plate, mounting screws	

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