

# M-PAD Color Touch Screen Thermostat

## Summary:

GM6 thermostat can be applied to single or multi-stage control in heating, cooling and heat pump system.



## Features and Characteristics:

### Basic configuration:

**CPU:** ARM Cortex™-A8

**Graphics Card:** SGX530 3D Graphic Engine (Built-into CPU)

**RAM:** 512MB DDR3 SDRAM

**Memory:** 256MB NAND Flash

**Wi-Fi:** IEEE 802.11b/g/n

### Interface:

7-inch Multipoint capacitive touch LCD (24-bit True Color)

1-RS485

1-USB Host 2.0

1-100M Ethernet (Optional)

2-switch input (dry contact)

1-TF (Micro SD)

Support 7-route switch output(1A): W (O/B) ,Y, G, Y2, W2(AUX), L, E

Support external temperature sensor

### Specifications:

**Dimension:** 176.7x 111.7x 26.7mm

**Power Supply:** +9V~28V DC

**Temperature Range:** 0°C-50°C

**Humidity Range:** 0-99%RH

**Working environment:** -10~+70°C, 10%~90%, non-condensation

**Self consumption:** 5W

Ambient temperature and humidity monitoring

Remote control for cooling/ heating/ ventilation device by APP

Switch among the Auto-Away, Away, Hold and Program Mode

### Energy Saving and Environmental Protection

Statistic Analysis of energy consumption/temperature is easier for the user to check.

**Zone control** achieved the connection among every zone.