### Parameters

**Electrical Parameters:**
- **Input voltage:** AC85-265V, 50/60Hz
- **Power consumption:** 0.44w max.
- **Wireless transmit power:** +10dbm
- **Wireless receive sensitivity:** -90dbm
- **Indoor communication distance:** <=30m
- **RSSI receive signal receiving:** >-80dbm

**Wireless central frequency**
- WPAN (China): 780 to 786MHz
- SRD (Europe): 864 to 870MHz
- ISM (North America): 904 to 928MHz
- Default band: 780 MHz
- Default PSK: HDL-SecurityKey0

**Environment Conditions:**
- **Working temperature:** -5℃~45℃
- **Working relative humidity:** <90%
- **Storage temperature:** -20℃~+60℃
- **Storage relative humidity:** <93%

**Approved**
- CE
- RoHS

**Product Information:**
- **Dimensions:** 44x36x17 (mm)
- **Weight:** 25.5g
- **Housing material:** PC
- **Installation:** Wall box
- **Protection degree:** IP20
- **Fire and null wire:** 1.5mm² (the module provides 15cm wire)
- **Stripping length:** 5~7mm

### Important Notes
- Connection - Make sure that all connection is correct.
- The subnet ID of wireless relay should be same as the wireless gateway.

### Overview

HDLMPS04-RF.18 wireless 4CH dry contact, has 4CH dry contact, can control target by switch. The module should work in conjunction with wireless gateway.

### Functions
- 4CH dry contact inputs, 4CH LED outputs
- The 4CH dry contact supports electronic switch and mechanical switch, can control the target, has dimming function
- The dry contact supports: mechanical switch, single on, single off, single on/off, combination on/off, multi-function, parallel switch
- Each switch type can set switch mode, dimmable two-way, dimmable increase, dimmable reduce
- Control type: scene, sequence, universal switch, single channel lighting control, broadcast scene, broadcast channel, curtain switch, GPRS control switch, panel control, security module, z-audio control
- Support security function
- Support IEEE.802.15.4
- Support online upgrading
- Support easy programming
Dimensions and Wiring

Dimensions:
- Front View: 44mm x 36mm
- Bottom View: 17mm

Schematic diagram of the device showing:
- Antenna
- Programming button
- Dry contact
- LED indicator

Programming button: if it is working properly, the green light will flicker, press the button three times continuously, the green light will flicker quickly, enter the setup mode (the gateway should enter the setup mode at the same time, and then, set the parameter)

Safety Precautions

- Never let the liquids get into the module, it will damage this device.
- Ensure good ventilation

Packing List

- HDL-MPS04-RF.18*1
- Datasheet*1