



Description

The wireless gateway is a conversion box that converts serial port 485 into a wireless protocol. The conversion box integrates MCU and RF transceiver to connect to the central control system to control the wireless panel. It is widely used in intelligent control to link with the central control to control intelligent devices such as lights, curtains, etc.

Features

- *The device is small and light, convenient for hidden installation.
- *It adopts self-organizing network protocol stack and 485 serial port command control, and has the advantages of two-way communication, CSMA mechanism, and ultra-low power consumption.
- *With 1-channel RS485 input, it can receive and send 485 serial port commands.
- *The integrated AllGo protocol can convert the commands input from the RS485 serial port into wireless signal output to control other AllGo protocol communication devices.
- *Supports RF communication, no near-field interference, and no packet loss in data transmission.
- *With ultra-low power standby function, the RF receiving current is as low as 30uA.
- *Supports status feedback function, and the power on/off status changes will be automatically reported to the gateway.
- *Supports remote control function. When used with a central control host, it can realize remote control and status query via a mobile phone or computer through a gateway.
- *Supports power outage protection function, turn off the lights when power comes back on to avoid wasting electricity.
- *It adopts wireless radio frequency signal transmission, which has good wall penetration effect, is stable and reliable, and has a long transmission distance.

Specification

Frequency band	433MHz
Static power	30uA
Receiving sensitivity	-110dBm
Transmit power	10mW
Modulation	2FSK/GFSK
Number of channels	255
Power supply	DC 5V, 20mA
Dimensions (L*W*H)	100mm*43mm *21mm
Net weight	0.0546kg