

RP01

V1.0



1. Product overview

RP01(Wireless repeater) is a new designed high-quality wireless acquisition terminal that we developed. Taking a full consideration of bad environment and applying situation in the field, it is a better choice to extended the wireless signal the transmission range , which can reproduce and transmit the received signal, and amplify the signal to compensate for signal attenuation, thereby increasing the distance of signal transmission. It can provide a wireless data signal junction for the TAG06/Tag06B wireless temperature and humidity terminal and the RD06 gateway, and extend the transmission distance between the terminal and the gateway.The repeater is simple to install, easy to use, stable and reliable, good in penetration, high in anti-interference performance, and can be widely used in various occasions where temperature is to be detected.

2. Specifications

Item	Parameter
Supply power	DC12V
Operating Temperature and Humidity	-30~60℃,0% RH-80%RH (non-condensing)
RF frequency	433MHz
Maximum acceptance distance in open wild	300m
Maximum transmission distance in open wild	300m
Flash Memory	20dbm
Sending Mode	Sent immediately after receiving (Receive a data flash red light)
Accept current	16mA
Transmit current	120mA
IP Level	IP54
Net Weight	80g
Dimension	63mm*38mm*31mm

3. Transmission diagram

