

Applicant: OneWorld Solutions Limited

FCC ID: YG9-0836533532

## Operation Description

The transmitter use a Sitronix chip ST20P18, most of function can be finished by one chip, such as key-Press detective, and it is the part of RF operating circuit, the transmitter is made of U1(ST20P18), by tx module (433MHz) Q1&Q2(2SC3356) To transmit ID. The ST20P18 OSC use Y1(32.768KHz crystal), supply voltage 3V. TX module PCB OSC use 433MHz crystal, supply voltage 4.5V.

(532/533 Power supply is DC 4.5V by three “AAA” batteries. The model 0836 Power supply is DC 4.5V by three “AA” batteries).

When first time batteries are installed in TX unit(Base station), all LEDs will light on 100ms after 0.5sec battery power stable. TX enters power saving mode.

In the pairing mode, press and hold pairing key and the corresponding key that the transmitter will transmitting the pairing ID for 5sec.

In the standby mode, press and hold pairing key and the corresponding key that the transmitter will transmitting the pairing ID for 5sec.

MODULATION TYPE: ASK

Transmitter ANT: electronically small antenna (COIL INNER PATHWAY 3MMX.19.5T, LINE PATHWAY 0.6MM)