

# SV DEMO Board for wireless transceiver module

## 1. Description

SV series DEMO Board is used to test wireless data transceiver module of SV610 /SV611/SV651/SV652 series, for testing system and distance, etc. Without different PC software, Using the DEMO board can also query and change SV series data radio module's RF transceiver frequency, transmit power level, RF rate, UART interface communication rate, parity, data bits and stop bit parameters. With TTL/ RS232/ RS485 port, it can match different level port



## 2. Working mode:

- 1) Normal transmission mode:  
Regularly send packets (in the setting mode, temporarily no send packets);
- 2) Normal reception mode:  
Power on, module in the reception state, receiving data packets and forward the correct data packets;
- 3) Often transmission mode:  
Module in often-transmission state;
- 4) Often reception mode:  
Module in often reception state (no forward data);
- 5) Sleep mode:  
Module in standby state.

## 3. Button Functions:

- 1) SET button  
In setting mode, press it , jump off setting mode after finish the final parameter,
- 2) UP / Down keys  
In setting mode, press it, modify the corresponding parameters.

### 3) Read button

In setting mode, press it, read the current module's internal parameters and update it on LCD display.

### 4) Write button

In setting mode, press it, write the current parameters displayed to the current module connected.

### 5) Default button

in setting mode, press it, and write the factory default configuration parameters to the current module connected.

Note: The data transmission module is with FLASH itself, so all of the parameters settled down can be saved even power off. When power on, it can automatically read the relevant parameters inside of the modules.

## 4.LCD display:

