GENERAL & TECHNICAL DESCRIPTION

W-288R:

A) The device is for out door measuring the temperature and temperature state with the RF Wireless transmission data to receiver, the measuring data format as below :

1) 8mS for start bit that synchronous receiver

2) 8 bits ID code to match the first sign the channel

3) 12 bits temperatures date by its unit measuring

4) 2 bits channel to confirm channel 1, 2, 3

5) 1 bit battery state to detect the battery value LOW, HIGH.

6) 2 bits temperature trend to calculate the temperature rising, dropping, or means steady.

7) 2 bits data check sum to check correction data.

B) The RF transmission is ASK data format and the frequency 433MHz with Q1 and X2 (saw Resonator)

C) The RF transmission max. period = 400mSecond, and the space time between two group data:

1) Channel 1 = 24 Seconds

2) Channel 1 = 27.5 Seconds

3) Channel 1 = 31 Seconds

D) The range temperature measuring : -40℃ ~ +70℃