Operation Description (WS103)

Uses the 433.92MHz frequency, the modulating technology: ASK

Launch principle:
The code chip sends out the coded signal by: The address, the data code, the synchronous code compose a complete symbol, when in the PIR infrared probe head search coverage does not survey moves the signal to the human body, the monolithic integrated circuit code chip examination not to when becomes the high level from the low level, the monolithic integrated circuit code chip does not send out the coded signal, when in the PIR infrared probe head search coverage surveys the human body moves the signal, the monolithic integrated circuit code chip examines when becomes the high level from the low level, its code out-port outputs after the modulation serial data signal, when codes the out-port and launches the constant-amplitude high frequency signal for the high level period 433.92MHz high frequency transmission circuit starting of oscillation, when codes the out-port to stop the vibration for the low and level period 433.92MHz high frequency transmission circuitTherefore the high frequency transmission circuit receives completely controls the digital signal which outputs in the code chip code out-port, thus completes the scope key modulation to the high-frequency circuit (the ASK modulation) to be equal in the moudulation percentage is 100% amplitude modulation.

The SD2710R launcher code chip uses eight data feet（ZONE CODE1~ ZONE CODE 8）
and eight addresses (HOUSE CODE1~ HOUSE CODE4)

The use: Family security system.
Technical characteristic:

A.Transmittor:

Power Supply:7-10V

Operating Current: ≦50mA(@3V)

Receiver Frequency: 433.92MHz+/-0.5MHz(@3V)

Standby Current :50uA(@3V)