

## Operation description

### 1. Product function introduce

It has function of visiting internet with Wi-Fi, playing audio and video in NAND flash or SD card, audio recorder, alarm clock, calendar, real-time clock and so on.

### 2. Structure

#### 2.1 Structure introduce

The system is consist of SOC(via 8650),one piece of NAND Flash, two pieces of DDRIII, 10" TFT PANEL(20811010240025 XY110301),Wi-Fi module(RT2070), SD CARD socket and some power conversions IC.

WIFI module:

Frequency Range: 2.4GHZ-2.835GHZ

Modulation Type: Wi-Fi Module (OFDM with BPSK, QPSK, 16QAM, 64QAM (11g), BPSK, QPSK, CCK (11b))

#### 2.2 Description

When you stir the switch of power to the left and stick about 3 seconds, the system is powered on .when you choose any icon in the GUI of Android using your finger or others,VIA8650 first judge what happened and then give it to the ARM or DSP in the core of VIA8650 proceeding.

#### 2.3 Power

It can use adaptor of 9V 1.5A when the system display the battery remain a little of power or exhaust.