

Product Diagram Information

1 . Product function introduce

GS30 is a MID device with touch screen. It has function of visiting internet with WiFi, playing audio and video in NAND flash or TF card, Bluetooth, audio recorder, alarm clock, calendar, real-time clock, camera and so on..

2 . Structure

2.1 Structure Introduce

The system is consist of Cortex-A8 (Samsung A8 S5PC110– 1GHz) , oneNAND Flash, two mDDR RAM, 9.7" IPS screen, The WLAN(802.11b/g/n) + BT + FM receiver Wireless SiP module (USI WM-BN-BM-01), TF socket and some power conversions IC.

WIFI module:

Frequency Range: 2412MHz~2462MHz

Modulation Type: WIFI Module (OFDM with BPSK, QPSK, 16QAM, 64QAM(11g/n), BPSK, QPSK, CCK (11b)

Transmit Power: 11.57dBm(802.11b), 10.78dBm(802.11g), 10.07dBm(802.11n)

Bluetooth module:

Frequency Range: 2402~2480MHz

Modulation Type: GFSK, DQPSK, 8DPSK

Transmit Power: 1.24dBm)

Note: WIFI and BT module can transmit simultaneously .

2.2 Description

When you press and hold power Key about 3 seconds, the system is powered on. When you choose any icon in the GUI of Android 2.2 using your finger or others, S5PC110 first judge what happened and then give it to the ARM or DSP in the core of S5PC110 proceeding.

2.3 Power

It can use adaptor of 5V*2.5A when the system display the battery remain a little of power or exhaust.