

**FHSS Description letter**  
**2.4GHz Digital Wireless Video Baby Monitor**

1. (Frequency Range):2403.5~2468MHz.
  2. (Type of Modulation):GFSK.
  3. (Channels):44
  4. (Occupied Bandwidth):2MHz.
  5. (Channel Separation):1.5MHz.
  6. (RF Output power): <20dBm.
  7. (Antenna type): Monopole Antenna.(2dBi)
  8. (Data rate):1.5M/bps Max.
  9. Frequency hopping NO.: The number of total hopping frequencies up to 44 and only 20 channels will hopping at the same time.
  - 12、 Power :DC 5V by Adapter or DC 3.7V by 950mAh Li-ion battery.
- frequency hopping spread spectrum (GFSK) system works by hopping from one frequency channel to another in a unknown sequence out of a select group of channels.
- The system frequency hops between 44 channels. If it is determined that one of the 44 hopping channels is found to be noisy or poor due to other RF interference, then a new channel is selected from the 44 unused channels, This repeats whenever a noisy or poor channel is detected. The sequential hops is no any order can follow, is completely random.
- Pseudorandom Frequency Hopping Sequence Table as below:
- Channel: 02,05,06,04,01,00,,07,08,09,10,22,25,16,18,23,30,33,29,28,20
- The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.
- 13 、 Channel List

GFSK Channel List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2403.5	21	2435.0	42	2466.5
01	2405.0	22	2436.5	43	2468.0
02	2406.5	23	2438.0		
03	2408.0	24	2439.5		
04	2409.5	25	2441.0		
05	2411.0	26	2442.5		
06	2412.5	27	2444.0		
07	2414.0	28	2445.5		
08	2415.5	29	2447.0		
09	2417.0	30	2448.5		
10	2418.5	31	2450.0		
11	2420.0	32	2451.5		
12	2421.5	33	2453.0		
13	2423.0	34	2454.5		
14	2424.5	35	2456.0		
15	2426.0	36	2457.5		
16	2427.5	37	2459.0		
17	2429.0	38	2460.5		
18	2430.5	39	2462.0		
19	2432.0	40	2463.5		
20	2433.5	41	2465.0		